

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 2026-2027 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 – Math 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 w/Applications in the Life Sciences* (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)
- ENVI F101X – Introduction to Environmental Science (4)
- ENVI F102X – Introduction to Climate Change 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 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/

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 Western Art I (3)
- ART F262X – History of Western 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 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 Athabaskan Linguistics (3)
- ASLG F140X – Introduction to Deaf Culture (3)
- ENGL/FL F200X – World Literature (3)
- ENGL/JUST 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/Athabaskan I (5)
- ANL F142X – Beginning Dene/Athabaskan 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)
- FREN F201X – Revision/Early Intermediate French (3)
- FREN F202X – Intermediate French II (3)
- GER F101X – Elementary German I (4)
- GER F102X – Elementary German II (3)
- GER F201X – Intermediate German I (3)
- GER F202X – Intermediate 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)
- JPN F201X – Intermediate Japanese I (4)
- JPN F202X – Intermediate Japanese II (4)
- LAT F101X – Beginning Latin I (3)
- LAT F102X – Beginning Latin II (3)
- RUSS F101X – Elementary Russian I (4)
- RUSS F102X – Elementary Russian II (4)
- RUSS F201X – Intermediate Russian I (4)
- RUSS F202X – Intermediate Russian II (4)
- SPAN F101X – Elementary Spanish I (4)
- SPAN F102X – Elementary Spanish II (3)
- SPAN F201X – Intermediate Spanish I (3)
- SPAN F202X – Intermediate 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 (3)
- HIST F122X – East Asian Civilization (3)
- HIST F132X – History of the U.S. II (3)
- HUMS/JUST F125X – Introduction to Addictive Processes (3)
- HUMS F185X – Science of Happiness and Well-Being (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 F111X – 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?

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