

# GENERAL EDUCATION REQUIREMENTS (GER)

## ASSOCIATE OF SCIENCE DEGREE (AS)

EFFECTIVE FOR 2016-2017 CATALOG YEAR



**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.

Courses that may satisfy the GER have course numbers ending with X. For example, English F111X and Communication F141X meet specific GER communication requirements. Credit may be counted toward general education requirements or a degree major requirement, but not both. If additional courses are added to GER in later catalog years students may use them to fulfill a specific GER in the 2016-2017 catalog year or later. Students must earn a C- grade or higher in each course used to meet a GER.

### COMMUNICATION (9 CREDITS)

Complete the following:

- ENGL F111X – Introduction to Academic Writing (3)

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:

- COMM F121X – Introduction to Interpersonal Communication (3)
- COMM F131X – Fundamentals of Oral Communication: Group Context (3)
- COMM F141X – Fundamentals of Oral Communication: Public Context (3)

### LIBRARY AND INFORMATION RESEARCH (0 - 1 CREDIT)

Complete one of the following prior to junior standing:

- LS F101X Library Information and Research (1)
- Or successful completion of library skills competency exam (0)

### MATHEMATICS (3-4 CREDITS)

Complete one of the following:

- MATH F113X – Concepts and Contemporary Applications of Mathematics (3)
- MATH F122X – Precalculus for Business and Economics (3)
- MATH F151X – College Algebra for Calculus (4)
- MATH F152X – Trigonometry (3)
- MATH F156X – Precalculus (4)
- MATH F230X – Calculus Essentials with Applications\* (3)
- MATH F251X – Calculus I\* (4)
- MATH F252X – Calculus II\* (4)
- MATH F253X – Calculus III\* (4)
- STAT F200X – Elementary Probability and Statistics (3)

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

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

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

### WHAT DO I NEED TO TAKE TO MEET GER?

- **Communication (9 credits)**
- **Library and Information Research (0-1 credit)**
- **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)**

### NATURAL SCIENCES (16 CREDITS)

Complete four of the following:

- ATM F101X – Weather and Climate of Alaska (4)
- BIOL F100X – Human Biology (4)
- BIOL F103X – Biology and Society (4)
- BIOL F104X – Natural History of Alaska (4)
- BIOL F115X – Fundamentals of Biology I (4)
- BIOL F116X – Fundamentals of Biology II (4)
- BIOL F120X – Introduction to Human Nutrition (4)
- BIOL F213X – 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 – A Survey of 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)
- GEOG F111X – Earth and Environment: Elements of Physical Geography (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 – The History of Earth and Life (4)
- GEOS F120X – Glaciers, Earthquakes and Volcanoes: Past, Present and Future (4)
- MSL F111X – The Oceans (4)
- PHYS F102X – Energy and Society (4)
- PHYS F103X – College Physics I (4)
- PHYS F104X – College Physics II (4)
- PHYS F115X – Physical Sciences (4)
- PHYS F175X – Introduction to Astronomy (4)
- PHYS F211X – General Physics I (4)
- PHYS F212X – General Physics II (4)
- PHYS F213X – Elementary Modern Physics (4)

Complete a one-year sequence in one natural science beyond the GER. The total courses used to satisfy this requirement shall represent two different natural sciences.

## 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/NORS F223X – Alaska Native Music (3)
- ART F200X – Explorations in Art (3)
- ART F261X – History of World Art (3)
- ART F262X – History of World Art (3)
- ENGL/FLPA/JRN F217X – Introduction to the Study of Film (3)
- FLPA/JRN F105X – History of the Cinema (3)
- FLPA F200X – Performance, Production and the Audience
- 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 F141X – Beginning Athabascan-Koyukon or Gwich'in (5)
- ANL F142X – Beginning Athabascan (5)
- ANL F251X – Introduction to Athabascan Linguistics (3)
- ANL F255X – Introduction to Alaska Native Languages (3)
- ASLG F101X – American Sign Language I (3)
- ASLG F202X – American Sign Language II (3)
- ENGL/FL F200X – World Literature (3)
- ENGL F270X – Introduction to Creative Writing (3)
- ESK F101X – Elementary Central Yup'ik Eskimo (5)
- ESK F102X – Elementary Central Yup'ik Eskimo (5)
- ESK F111X – Elementary Inupiaq Eskimo (5)
- ESK F112X – Elementary Inupiaq Eskimo (5)
- FREN F101X – Elementary French I (5)
- FREN F102X – Elementary French II (5)
- GER F101X – Elementary German I (5)
- GER F102X – Elementary German II (5)
- JPN F101X – Elementary Japanese I (5)
- JPN F102X – Elementary Japanese II (5)
- JRN F101X – Media and Culture (3)
- JRN F102X – Introduction to Broadcasting (3)
- LAT F101X – Beginning Latin I (3)
- LAT F102X – Beginning Latin II (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)
- RUSS F101X – Elementary Russian I (5)
- RUSS F102X – Elementary Russian II (5)
- SPAN F101X – Elementary Spanish I (5)
- SPAN F102X – Elementary Spanish II (5)

## SOCIAL SCIENCES (6 CREDITS)

Complete two courses from the following in two different disciplines:

- ACCT F261X – Principles of Financial Accounting (3)
- ANS F242X – Native 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)
- COMM F180X – Introduction to Human Communication (3)
- ECE F104X – Child Development I: Prenatal, Infants and Toddlers (3)
- ECON F100X – Political Economy (3)
- ECON F201X – Principles of Economics I: Microeconomics (3)
- ECON F202X – Principles of Economics II: Macroeconomics (3)
- ECON F235X – Introduction to Natural Resource Economics (3)
- GEOG F101X – Expedition Earth: Introduction to Geography (3)
- HIST F100X – Modern World History (3)
- HIST F102X – Western Civilization Since 1500 (3)
- HIST F122X – East Asian Civilization (3)
- HIST F132X – History of the U.S. (3)
- JUST F110X – Introduction to Justice (3)
- PS F100X – Political Economy (3)
- PS F201X – Comparative Politics (3)
- PSY F101X – Introduction to Psychology (3)
- RD F200X – Rural Development in the North (3)
- SWK F103X – Introduction to Social Work (3)
- SOC F100X – Individual, Society and Culture (3)
- SOC F201X – Social Problems (3)
- WGS F201X – Introduction to Women's and Gender Studies (3)

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

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

## TOTAL CREDITS REQUIRED: 43-49 CREDITS

## Questions?

Your academic advisor will help you decide if a class is right for your program. To see who your advisor is, visit [www.uaf.edu/admitted/advising/](http://www.uaf.edu/admitted/advising/).

## Office of Admissions and the Registrar

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