

# GENERAL EDUCATION REQUIREMENTS (GER)

## ASSOCIATE OF SCIENCE DEGREE (AS)

EFFECTIVE FOR 2019-2020 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 F

### COMMUNICATION (9 CREDITS)

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)

Complete one of the following:

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

### MATHEMATICS (3-4 CREDITS)

Complete one of the following:

- MATH F113X – Numbers and Society (3)
- MATH F114X – Patterns 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

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

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

### 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 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)
- 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)
- GEOG F111X – Earth and Environment: Elements of Physical Geography (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 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)

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/ACNS F223X – Alaska Native Music (3)
- ART F105X - Beginning Drawing (3)
- ART F200X – Explorations in Art (3)
- ART F261X – History of World Art (3)
- ART F262X – History of World Art (3)
- ENGL/FLPA/COJO F217X – Introduction to the Study of Film (3)
- FLPA/COJO F105X– History of the Cinema (3)
- FLPA F121X - Fundamentals of Acting (3)
- FLPA F200X – Performance, Production and the Audience (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 F141X – Beginning Athabaskan-Koyukon or Gwich'in (5)
- ANL F142X – Beginning Athabaskan (5)
- ANL F251X – Introduction to Athabaskan Linguistics (3)
- ANL F255X – Introduction to Alaska Native Languages (3)
- 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)
- COJO F101X - Media and Culture (3)
- COJO F102X - Introduction to Broadcasting (3)
- ENGL/FL F200X – World Literature (3)
- ENGL F270X – Introduction to Creative Writing (3)
- FREN F101X – Elementary French I (5)
- FREN F102X – Elementary French II (5)
- GER F101X – Elementary German I (5)
- GER F102X – Elementary German II (5)
- 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)
- 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)
- 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 (4)
- 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)
- BA F254X - Personal Finance (3)
- BA/SPRT F281X - Introduction to Sport Management (3)
- ECE F104X – Child Development I: Prenatal, Infants and Toddlers (3)
- ECON F100X – Political Economy (3)
- ECON F111X - The Economy of Rural Alaska (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 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)
- 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)
- 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's 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.

**TOTAL CREDITS REQUIRED: 43-48 CREDITS**