GENERAL EDUCATION REQUIREMENTS

General education objective and learning outcomes for undergraduate students seeking baccalaureate degrees at the University of Alaska Fairbanks:

1. Build knowledge of human institutions, sociocultural processes, and the physical and natural world through the study of the natural and social sciences, technologies, mathematics, humanities, histories, languages and the arts.
   • Competence will be demonstrated for the foundational information in each subject area, its context and significance, and the methods used in advancing each.

2. Develop intellectual and practical skills across the curriculum, including inquiry and analysis, critical and creative thinking, problem solving, written and oral communication, information literacy, technological competence, and collaborative learning.
   • Proficiency will be demonstrated across the curriculum through critical analysis of proffered information, well-reasoned solutions to problems or inferences drawn from evidence, effective written and oral communication, and satisfactory outcomes of group projects.

3. Acquire tools for effective civic engagement in local through global contexts, including ethical reasoning, intercultural competence, and knowledge of Alaska and Alaska issues.
   • Facility will be demonstrated through analyses of issues including dimensions of ethics, human and cultural diversity, conflicts and interdependencies, globalization and sustainability.

4. Integrate and apply learning, including synthesis and advanced accomplishment across general and specialized studies, adapting them to new settings, questions and responsibilities, and forming a foundation for lifelong learning.
   • Preparation will be demonstrated through production of a creative or scholarly product that requires broad knowledge, appropriate technical proficiency, information collection, synthesis, interpretation, presentation and reflection.

Courses that satisfy the GER have course numbers ending with X. For example, WRTG F111X and COJO 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 this catalog year. Students must earn a C- grade or higher in each course used to meet a baccalaureate GER.

General Education Requirements at a Glance

Refer to tables below for specific courses.

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**Natural Sciences (p. 2)**  8
Total Credits  35-40

**Course Requirements**

**COMMUNICATION**

Complete the following courses:

- **COJO F121X** Introduction to Interpersonal Communication 3
- or **COJO F131X** Fundamentals of Oral Communication: Group Context
- or **COJO F141X** Fundamentals of Oral Communication: Public Context
- **WRTG F111X** Writing Across Contexts 3
- **WRTG F211X** Writing and the Humanities 3
- or **WRTG F212X** Writing and the Professions
- or **WRTG F213X** Writing and the Sciences
- or **WRTG F214X** Arguing Across Contexts

**ARTS**

Select one course from the following: 3

- **ANS/FLPA F161X** Introduction to Alaska Native Performance
- **ANS F202X** Aesthetic Appreciation of Alaska Native Performance
- **ANS/MUS/ACNS F223X** Alaska Native Music
- **ART F200X** Explorations in Art
- **ART F261X** History of World Art
- **ART F262X** History of World Art
- **ENGL/FLPA/COJO F217X** Introduction to the Study of Film
- **FLPA/COJO F105X** History of the Cinema
- **FLPA F200X** Performance, Production and the Audience
- **FLPA F215X** Dramatic Literature and History
- **HUM F201X** Unity in the Arts
- **MUS F103X** Music Fundamentals
- **MUS F125X** Enjoying Jazz
- **MUS F200X** Explorations in Music

**HUMANITIES**

Select one from the following: 3

- **ANL F141X** Beginning Athabascan-Koyukon or Gwich’in
- **ANL F142X** Beginning Athabaskan
- **ANL F251X** Introduction to Athabaskan Linguistics
- **ANL F255X** Introduction to Alaska Native Languages
- **ASLG F101X** American Sign Language I
- **ASLG F202X** American Sign Language II
- **CHNS F101X** Elementary Chinese I
- **CHNS F102X** Elementary Chinese II
- **COJO F101X** Media and Culture
COJO F102X  Introduction to Broadcasting  
ENGL/FL F200X  World Literature  
ENGL F270X  Introduction to Creative Writing  
FREN F101X  Elementary French I  
FREN F102X  Elementary French II  
GER F101X  Elementary German I  
GER F102X  Elementary German II  
INU F111X  Elementary Inupiaq  
INU F112X  Elementary Inupiaq  
JPN F101X  Elementary Japanese I  
JPN F102X  Elementary Japanese II  
LAT F101X  Beginning Latin I  
LAT F102X  Beginning Latin II  
LING F101X  Nature of Language  
LING F216X  Languages of the World  
PHIL F102X  Introduction to Philosophy  
PHIL F104X  Logic and Reasoning  
RELG F221X  Religions of the World  
RUSS F101X  Elementary Russian I  
RUSS F102X  Elementary Russian II  
SPAN F101X  Elementary Spanish I  
SPAN F102X  Elementary Spanish II  
YUP F101X  Elementary Central Yup'ik  
YUP F102X  Elementary Central Yup'ik  

SOCIAL SCIENCES

Select two from the following in two different disciplines:  
ACCT F261X  Principles of Financial Accounting  
ANS F111X  History of Colonization in Alaska: The Indigenous Response  
ANS F242X  Native Cultures of Alaska  
ANTH F100X  Individual, Society and Culture  
ANTH F101X  Introduction to Anthropology  
ANTH F111X  Ancient Civilizations  
ANTH F211X  Fundamentals of Archaeology  
BA F151X  Introduction to Business  
BA F254X  Personal Finance (s)  
BA/Sprt F281X  Introduction to Sport Management  
ECON F100X  Political Economy  
ECON F201X  Principles of Economics I: Microeconomics  
ECON F202X  Principles of Economics II: Macroeconomics  
ECON F235X  Introduction to Natural Resource Economics  
GEOG F101X  Expedition Earth: Introduction to Geography  
HIST F100X  Modern World History  
HIST F102X  Western Civilization Since 1500  
HIST F122X  East Asian Civilization  
HIST F132X  History of the U.S.  

HUMS/JUST F125X  Introduction to Addictive Processes  
JUST F110X  Introduction to Justice  
JUST F251X  Criminology  
PS F100X  Political Economy  
PS F101X  Introduction to American Government and Politics  
PS F201X  Comparative Politics  
PS F221X  International Politics  
PSY F101X  Introduction to Psychology  
RD F200X  Rural Development in the North  
SOC F101X  Introduction to Sociology  
SOC F201X  Social Problems and Solutions  
SWK F103X  Introduction to Social Work  
WGS F201X  Introduction to Women's Gender and Sexuality Studies  

ADDITIONAL ARTS/HUMANITIES/SOCIAL SCIENCES

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

MATHEMATICS

Select one from the following:  
MATH F113X  Concepts and Contemporary Applications of Mathematics  
MATH F122X  Precalculus for Business and Economics  
MATH F151X  College Algebra for Calculus  
MATH F152X  Trigonometry  
MATH F156X  Precalculus  
MATH F230X  Calculus Essentials with Applications  
MATH F251X  Calculus I  
MATH F252X  Calculus II  
MATH F253X  Calculus III  
STAT F200X  Elementary Probability and Statistics  

1  You may earn credit for MATH F151X or MATH F122X but not both.  
2  You may earn credit for MATH F251X or MATH F230X but not both.  
3  Or any math course having one of these as a prerequisite.  

NATURAL SCIENCES

Select two from the following:  
ATM F101X  Weather and Climate of Alaska  
BIOL F100X  Human Biology  
BIOL F103X  Biology and Society  
BIOL F104X  Natural History of Alaska  
BIOL F115X  Fundamentals of Biology I  
BIOL F116X  Fundamentals of Biology II  
BIOL F202X  Introduction to Human Nutrition  
BIOL F213X  Human Anatomy and Physiology I  
BIOL F214X  Human Anatomy and Physiology II  
CHEM F100X  Chemistry in Complex Systems  
CHEM F103X  Basic General Chemistry  

1  You may earn credit for MATH F151X or MATH F122X but not both.  
2  You may earn credit for MATH F251X or MATH F230X but not both.  
3  Or any math course having one of these as a prerequisite.  

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<th>Course Code</th>
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<td>Survey of Organic Chemistry and Biochemistry</td>
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<td>CHEM F106X</td>
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<td>CHEM F111X</td>
<td>Introduction to Environmental Chemistry of the Arctic</td>
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<td>GEOG F111X</td>
<td>Earth and Environment: Elements of Physical Geography</td>
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<td>GEOS F101X</td>
<td>The Dynamic Earth</td>
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<td>GEOS F106X</td>
<td>Life in the Age of Dinosaurs</td>
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<td>GEOS F112X</td>
<td>The History of Earth and Life</td>
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<td>GEOS F120X</td>
<td>Glaciers, Earthquakes and Volcanoes: Past, Present and Future</td>
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<td>MSL F111X</td>
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