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.

<table>
<thead>
<tr>
<th>Natural Sciences (p. 2)</th>
<th>8</th>
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<tbody>
<tr>
<td>Total Credits</td>
<td>35-40</td>
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</table>

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 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: 3-5

- ANL F141X Beginning Athabascan-Koyukon or Gwich’in
- ANL F142X Beginning Athabascan
- ANL F251X Introduction to Athabascan 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
## General Education Requirements

**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: 6  
**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. 3-5

### MATHEMATICS

Select one from the following: 3-4  
**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: 8  
**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 F120X**  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
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<th>Course Code</th>
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<tr>
<td>CHEM F104X</td>
<td>Survey of Organic Chemistry and Biochemistry</td>
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<tr>
<td>CHEM F105X</td>
<td>General Chemistry I</td>
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<tr>
<td>CHEM F106X</td>
<td>General Chemistry II</td>
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<tr>
<td>CHEM F111X</td>
<td>Introduction to Environmental Chemistry of the Arctic</td>
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<tr>
<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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<tr>
<td>GEOS F106X</td>
<td>Life in the Age of Dinosaurs</td>
</tr>
<tr>
<td>GEOS F112X</td>
<td>The History of Earth and Life</td>
</tr>
<tr>
<td>GEOS F120X</td>
<td>Glaciers, Earthquakes and Volcanoes: Past, Present and Future</td>
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<tr>
<td>MSL F111X</td>
<td>The Oceans</td>
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<td>PHYS F102X</td>
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<td>PHYS F213X</td>
<td>Elementary Modern Physics</td>
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