

General Education Requirements (GERs) for Baccalaureate Degrees

General Education Requirements (GERs) provide students with a common educational experience in order to provide a foundation for further study and broaden the educational experience of every degree-seeking student. They are designed to promote an elevation of the student's level in basic college-level skills (Tier 1), a breadth of exposure to traditional academic disciplines (Tier 2), and an understanding of how to integrate and apply knowledge to an evolving world (Tier 3).

UAA's General Education Values

Develop intellectual and practical skills across the curriculum, including inquiry and analysis, quantitative literacy, critical and creative thinking, problem solving, written and oral communication, information literacy, and collaborative learning.

Build knowledge of human institutions, socio-cultural processes, and the physical and natural world through study of the natural and social sciences, mathematics, humanities, and the arts.

Acquire tools for effective civic engagement in local through global contexts, including ethical reasoning and intercultural competence, with particular emphasis on Alaska and the circumpolar north.

Integrate and apply learning, including ability to synthesize knowledge and skills across general and specialized studies, adapting them to new settings, questions, and responsibilities, and forming a foundation for lifelong learning.

GER Student Learning Outcomes

After completing the GERs, UAA students shall be able to:

- Communicate effectively in a variety of contexts and formats.
- Reason mathematically and analyze quantitative and qualitative data competently to reach sound conclusions.
- Relate knowledge to the historical context in which it developed and the human problems it addresses.
- Interpret different systems of aesthetic representation and understand their historical and cultural contexts.
- Investigate the complexity of human institutions and behavior to better understand interpersonal, group and cultural dynamics.
- Identify ways in which science has advanced the understanding of important natural processes.
- Locate and use relevant information to make appropriate personal and professional decisions.
- Adopt critical perspectives for understanding the forces of globalization and diversity.

- Integrate knowledge and employ skills gained to synthesize creative thinking, critical judgment and personal experience in a meaningful and coherent manner.

Category	Description	Credits
Tier 1	Basic College-Level Skills	12
Tier 2	Disciplinary Areas	22
Tier 3	Integrative Capstone	3
Total		37

All students should consult a faculty or academic advisor for appropriate course selections.

- Baccalaureate students are required to complete 12 credits of basic college-level skills (oral, written and quantitative) before completing 60 total degree-applicable credits.
- Each of the eight GER classifications has a list of approved courses (see the General Education Requirements classification lists). Only courses from the GER classification list may be used to satisfy a distribution area requirement.
- Courses used to satisfy distribution area requirements in General Education may also be used to satisfy school/college requirements and/or degree/program requirements, but no course may be counted in more than one GER category.
- Courses ending with numbers _93 or _94 cannot satisfy a GER, and UAA courses not on the approved GER classification list cannot be petitioned to meet a GER.

Petitions for GERs and/or General University Requirements

Petitions pertaining to GERs and/or General University Requirements must be processed through the Office of Academic Affairs, with final authority to deny or approve resting with the provost. After the petition has received final approval or denial, the student is notified of the decision. Changes in course level, grading or number of credits awarded are not petitionable. UAA courses not on the approved baccalaureate GER lists cannot be petitioned to meet a GER. For more information, see the Academic Petition (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/academicstandardsregulations/academicpetition/>) section.

GER Classification List

Courses listed as satisfying a GER are also identified in the course descriptions (<http://catalog.uaa.alaska.edu/coursedescriptions/>). A course satisfying a particular GER in the semester in which it was completed will continue to satisfy that GER for that student even if its status has changed in the catalog under which the student graduates.

Students who wish to use a UAF or UAS course to meet a UAA GER should refer to the table of substitutions below.

UAA Table of GER Substitutions

This table is intended to assist UAA students who wish to use UAF or UAS courses to meet a UAA GER per Board of Regents Policy P10.04.062.

Tier I: Basic College - Level Skills

UAA Courses	UAF Courses	UAS Courses
Oral Communication Skills - 3 Credits		
COMM A111, COMM A235, COMM A237, COMM A241	COM F121X, COM F131X, COM F141X	COMM S111, COMM S235, COMM S237, COMM S241
Quantitative Skills (Quantitative Literacy) - 3 Credits		
MATH A104, MATH A113, MATH A115, MATH A121, MATH A151, MATH A152, MATH A155, MATH A221, MATH A251, MATH A251F, MATH A252, MATH A252F, MATH A253, STAT A200, STAT A253	MATH F113X, MATH F122X, MATH F151X, MATH F152X, MATH F156X, MATH F230X, MATH F251X, MATH F252X, MATH F253X, STAT F200X	MATH S113, MATH S151, MATH S152, MATH S251, MATH S252, MATH S253, STAT S200
Written Communication Skills - 6 Credits		
WRTG A111, WRTG A211, WRTG A212, WRTG A213, WRTG A214	WRTG F111X, WRTG F211X, WRTG F212X, WRTG F213X, WRTG F214X	WRTG S111, WRTG S211, WRTG S212

Tier 2: Disciplinary Areas

UAA Courses	UAF Courses	UAS Courses
Fine Arts (Arts) - 3 Credits		

AKNS A215, AKNS A216, AKNS A261, ART A160, ART A261, ART A262, DNCE A170, MUS A100, MUS A110, MUS A121, MUS A215, MUS A216, MUS A224, THR A111, THR A121, THR A214, THR A215	ACNS F223X, ANS F161X, ANS F202X, ANS F223X, ART F105X, ART F200X, ART F261X, ART F262X, ENGL F217X, FLPA F105X, FLPA F121X, FLPA F161X, FLPA F200X, FLPA F215X, FLPA F217X, HUM F201X, MUS F103X, MUS F125X, MUS F200X, MUS F223X	ART S105, ART S160, ART S181, ART S201, ART S260, ART S261, ART S262, MUS S123, THR S111, THR S211, THR S212
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Humanities - 6 Credits

AKNS A101A,	ANL F141X, ANL	AKL S105, AKL
AKNS A101B,	F142X, ANL F251X,	S106, AKL S107,
AKNS A101C,	ANL F255X, ASLG	AKL S108, AKL
AKNS A101D,	F101X, ASLG F202X,	S109, AKL S110,
AKNS A101E,	CHNS F101X, CHNS	AKL S205, AKL
AKNS A101F,	F102X, ENGL F200X,	S206, AKL S207,
AKNS A101H,	ENGL A201X, ENGL	AKL S208, AKL
AKNS A101I,	F270X, FL F200X,	S209, AKL S210,
AKNS A102A,	FREN F101X, FREN	COMM (was JOUR)
AKNS A102B,	F102X, GER F101X,	S101, ENGL S200,
AKNS A102C,	GER F102X, INU	ENGL S215, ENGL
AKNS A102D,	F111X, INU F112X,	S217, ENGL S226,
AKNS A102E,	JOUR F101X, JPN	ENGL S261, ENVI
AKNS A102F,	F101X, JPN F102X,	S120, FREN S101,
AKNS A102H,	LAT F101X, LAT	FREN S102, HIST
AKNS A102I,	F102X, LING F101X,	S105, HIST S106,
AKNS A114A,	LING F216X, PHIL	HIST S131, HIST
AKNS A114B,	F102X, PHIL F104X,	S132, HUM S120,
AKNS A114E,	RELG F221X, RUSS	PHIL S101, PHIL
AKNS A114F,	F101X, RUSS F102X,	S201, PHIL S301,
AKNS A114H,	SPAN F101X, SPAN	SPAN S101, SPAN
AKNS A114I,	F102X, YUP F101X,	S102, SPAN S201,
AKNS A201,	YUP F102X	SPAN S202
AKNS A230,		
AKNS A240A,		
AKNS A240F,		
AKNS A240H,		
AKNS A240I,		
ASL A101,		
ASL A102,		
ASL A201,		
ASL A202,		
ENGL A121,		
ENGL A200,		
ENGL A203,		
ENGL A205,		
ENGL A206,		
ENGL A245,		
FREN A101,		
FREN A102,		
FREN A201,		
FREN A202,		
GER A101,		
GER A102,		
GER A201,		
GER A202,		
HIST A101,		
HIST A102,		
HIST A121,		
HIST A122,		
HIST A131,		
HIST A132,		
HNRS A192,		
HUM A211,		
HUM A212,		
JPN A101, JPN A102,		

JPN A201, JPN A202,
LING A101,
PHIL A101,
PHIL A103,
PHIL A201,
PHIL A211,
PHIL A212,
PHIL A301,
PHIL A305, PS A331,
PS A332, PS A333,
RUSS A101,
RUSS A102,
RUSS A201,
RUSS A202,
SPAN A101,
SPAN A102,
SPAN A201,
SPAN A202,
THR A211, THR A212

**Natural Sciences -
7 Credits Including
One Laboratory
Course**

Laboratory Courses

ANTH A205 / ANTH A205L, ANTH A211 / ANTH A211L, ASTR A103 / ASTR A103L, ASTR A104 / ASTR A104L, BIOL A102 / BIOL A103, BIOL A108, BIOL A111 / BIOL A111L, BIOL A112 / BIOL A112L, BIOL A178 / GEOL A178, BIOL A179 / GEOL A179, CHEM A103 / CHEM A103L, CHEM A104 / CHEM A104L, CHEM A105 / CHEM A105L, CHEM A106 / CHEM A106L, ENVI A211 / ENVI A211L, GEOL A111 / GEOL A111L, GEOL A115 / GEOL A115L, GEOL A221, LSIS A102, PHYS A123 / PHYS A123L, PHYS A124 / PHYS A124L, PHYS A211 / PHYS A211L, PHYS A212 / PHYS A212L	ATM F101X, BIOL F100X, BIOL F103X, BIOL F104X, BIOL F111X, BIOL F112X, BIOL F115X, BIOL F116X, BIOL F120X, BIOL F240X, CHEM F100X, CHEM F103X, CHEM F104X, CHEM F105X, CHEM F106X, CHEM F111X, ENVI F101X, ES F100L, ES F100X, GEOS F101X, GEOS F102X, GEOS F106X, GEOS F111X, GEOS F112X, GEOS F120X, MBI F111X, OCN F111X, PHYS F102X, PHYS F115X, PHYS F123X, PHYS F124X, PHYS F165X, PHYS F211X, PHYS F212X, PHYS F213X, SCIA F101L, WLF F104X	BIOL S103, BIOL S104, BIOL S111, BIOL S112, BIOL S115, BIOL S116, CHEM S103, CHEM S105, CHEM S105L, CHEM S106, CHEM S106L, ENVS S102, GEOL S104, PHYS S123, PHYS S124, PHYS S211, PHYS S212	ANTH A205, ANTH A211, ASTR A103, ASTR A104, BIOL A100, BIOL A102, BIOL A111, BIOL A112, BIOL A178, BIOL A200, CHEM A103, CHEM A104, CHEM A105, CHEM A106, ENVI A211, GEOG A111, GEOL A111, GEOL A115, GEOL A178, PHYS A101, PHYS A123, PHYS A124, PHYS A211, PHYS A212	ANTH S205, CHEM S100, CHEM S105, CHEM S106, GEOL S105, OCN S101, PHYS S165
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**Social Sciences - 6
Credits**

**Non-laboratory
Courses**

ANTH A101, ANTH A200, ANTH A202, ANTH A250, BA A151, CEL A292, COMM A255, COMM A280, ECON A101, ECON A102, ECON A120, ECON A210, ECON A256, EDEC A105, ENVI A212, GEOG A101, HNRS A292, INTL A101, JPC A104, JUST A110, JUST A175, JUST A251, LEGL A101, LSSS A111, PS A101, PS A102, PS A311, PSY A111, PSY A150, PSY A200, SOC A101, SOC A201, SOC A202, SWK A106, SWK A243, URS A121, WSGS A200, WSGS A201	ACCT F261X, ANS F111X, ANS F242X, ANTH F100X, ANTH F101X, ANTH F111X, ANTH F211X, BA F151X, BA F254X, BA F281X, ECE F104X, ECE F107X, ECE F210X, ECE F229X, ECON F101X, ECON F102X, ECON F111X, ECON F120X, ECON F235X, HIST F100X, HIST F102X, HIST F110X, HIST F122X, HIST F132X, HUMS F125X, JUST F110X, JUST F125X, JUST F251X, NRM F111X, PS F100X, PS F101X, PS F201X, PS F221X, PSY F101X, PSY F123X, RD F200X, SOC F101X, SOC F201X, SPRT F281X, SWK F103X, WGS F201X	ANS S101, ANTH S101, ANTH S202, ANTH S211, ECON S100, ECON S201, ECON S202, GEOG S101, HIST S105, HIST S106, HIST S131, HIST S132, PS S101, PS S102, PS S201, PS S251, PSY S111, PSY S250, SOC S101, SOC S201
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Tier 1: Basic College-Level Skills

The UAA GERs begin with basic college-level skills enhancement in oral communication, quantitative, and written communication skills:

- Courses in oral and written communication develop intellectual and practical skills, building critical reading, thinking, and communication competencies (listening, speaking, reading, and writing) necessary to communicate effectively in a variety of contexts and formats needed for personal and professional success.
- Quantitative courses develop abilities to reason mathematically and analyze quantitative and qualitative data to reach sound conclusions for success in undergraduate study and professional life.
- Baccalaureate students are required to complete the 12 credits of basic college-level skills (oral, written and quantitative) before completing 60 total degree applicable credits. Students may select approved basic college-level skills, which may also fulfill requirements in their intended major. Faculty in English, communications and mathematics provide placement criteria (which may require the completion of preparatory coursework).

Tier 1 GERs require appropriate placement scores for course registration. Refer to the Course Placement (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/academicstandardsregulations/courseplacement/>) section of this catalog for placement score requirements.

Category	Credits
Oral Communication Skills	3
Quantitative Skills	3
Written Communication Skills	6
Total	12

Oral Communication Skills

Oral communication skills courses increase the abilities of students to interact appropriately and effectively in a variety of contexts, including interpersonal, small group and public speaking settings.

- Students develop both their message creation and message interpretation skills in order to be more successful communicators.
- Students develop an awareness of the role of communication in a variety of human relationships—personal and professional.
- Students develop and implement effective and appropriate communication skills, including the ability to develop, organize, present and critically evaluate messages.
- Students analyze audiences and adapt to a variety of in-person communication settings.

Courses completed at UAA must be selected from the following Oral Communication courses:

Code	Title	Credits
Complete 3 credits of the following:		
COMM A111	Fundamentals of Oral Communication	3
COMM A235	Small Group Communication	3
COMM A237	Interpersonal Communication	3
COMM A241	Public Speaking	3

Quantitative Skills

Quantitative skills courses increase mathematical abilities.

- Students become more adept and competent producers and wiser consumers of the mathematical, statistical and computational analyses which dominate 21st-century decision-making.
- Students develop their algebraic, analytic and numeric skills; use them to solve applied problems; and correctly explain their mathematical reasoning.

Courses completed at UAA must be selected from the following Quantitative Skills courses¹:

Code	Title	Credits
Complete 3 credits of the following:		
MATH A104	Technical Mathematics	3
MATH A113	Numbers and Society	3

MATH A115	Art of Mathematics	3
MATH A121	College Algebra for Managerial and Social Sciences	3
MATH A151	College Algebra for Calculus	4
MATH A152	Trigonometry	3
MATH A155	Precalculus	5
MATH A221	Applied Calculus for Managerial and Social Sciences	3
MATH A251	Calculus I	4
MATH A251F	F.A.T. Calculus I	6
MATH A252	Calculus II	4
MATH A252F	F.A.T. Calculus II	6
MATH A253	Calculus III	4
STAT A200	Elementary Statistics	3
STAT A253	Applied Statistics for the Sciences	4

¹ To determine the appropriate quantitative skills course, students must work with their academic advisor, as degree pathways differ. A minimum grade of C or higher may be required to fulfill prerequisites for the next MATH or STAT course in sequence or a degree requirement.

Written Communication Skills

Written communication courses emphasize that writing is a recursive and frequently collaborative process of invention, drafting and revising as well as a primary element of active learning in literate cultures.

- Students practice methods for establishing credibility, reasoning critically and appealing to the emotions and values of their audience.
- Students write for a variety of purposes and audiences by employing methods of rhetorical and cultural analysis.
- Students develop the tools to read, think and write analytically about print and nonprint texts and to generate texts that engage their own perceptions while synthesizing the ideas of texts and scholars. Students demonstrate their ability to communicate effectively by selecting form and content that fits the situation; adhering to genre conventions; adapting their voice, tone, and level of formality to that situation; and controlling stylistic features such as sentence variety, syntax, grammar, usage, punctuation and spelling.

Courses completed at UAA must be selected from the following Written Communication courses:

Code	Title	Credits
Complete 6 credits of the following:		
WRTG A111	Writing Across Contexts	3
WRTG A211	Writing and the Humanities	3
WRTG A212	Writing and the Professions	3
WRTG A213	Writing and the Sciences	3
WRTG A214	Arguing Across Contexts	3

Tier 2: Disciplinary Areas

Courses in this tier examine Fine Arts, Humanities, Natural Sciences, and Social Sciences which provide a breadth of academic experience regarding human institutions, artistic and socio-cultural processes, and the physical and natural world.

- Courses in the Fine Arts interpret different systems of aesthetic representation within their historical and cultural contexts.
- Courses in the Humanities investigate the cultural, historical, literary, aesthetic, ethical and spiritual traditions that have shaped and continue to shape our worlds.
- Courses in Natural Sciences identify theoretical and descriptive approaches in which science advances the understanding of the natural and physical world. Lab courses in the Natural Sciences emphasize gathering data and analyzing hypotheses according to the scientific method.
- Courses in the Social Sciences explore the complexity of human behavior via empirical methodologies to better understand interpersonal, institutional, and cultural dynamics.

Code	Title	Credits
	Fine Arts	3
	Humanities	6
	Natural Sciences	7
	Social Sciences	6
Total		22

Fine Arts

The fine arts (i.e. visual and performing) arts focus on the historical, aesthetic, critical and creative approaches to understanding the context and production of art as academic and creative disciplines as opposed to those that emphasize acquisition of skills.

- Students who complete the fine arts requirement should be able to identify and describe works of art by reference to media employed, historical context and style, and structural principles of design and composition.
- Students should be able to interpret the meaning or intent of works of art and assess their stylistic and cultural importance by reference to their historical significance, their relationship to earlier works and artists, and their overall impact of subsequent artistic work.

Courses completed at UAA must be selected from the following Fine Arts courses:

Code	Title	Credits
Complete 3 credits of the following:		
AKNS/MUS A215	Music of Alaska Natives and Indigenous Peoples of Northern Regions	3
AKNS/MUS A216	World Indigenous Music	3
AKNS A261	Alaska Native Art History	3
ART A160	Art Appreciation	3
ART A261	History of Western Art I	3

ART A262	History of Western Art II	3
DNCE A170	Dance Appreciation	3
MUS A100	History of Rock & Pop	3
MUS A110	Popular Songwriting	3
MUS A121	Music Appreciation	3
MUS A224	History of Jazz	3
THR A111	Theatre Appreciation	3
THR A121	Fundamentals of Acting	3
THR A214	Historical Plays	3
THR A215	Contemporary Plays	3

Humanities

The humanities courses examine the characteristics of realities, the purpose of human existence, the properties of knowledge and the qualities of sound reasoning, eloquent communication, and creative expression, studying the problems of judicious conduct in personal, social and political life. They also consider the qualities of the divine, the sacred and the mysterious. In these tasks, the humanities courses reflect upon the world's heritage of the arts, history, languages, literature, religion and philosophy.

- Students who complete a content-oriented course in the humanities should be able to identify texts or objects, place them in the historical context of the discipline, articulate the central problems they address and provide reasoned assessments of their significance.
- Students who complete a skills-oriented humanities course in logic should be able to identify the premises and conclusions of written arguments, evaluate their cogency, and recognize common fallacies. They should also be able to employ formal techniques to determine the validity of deductive arguments and evaluate the adequacy of evidence according to appropriate inductive standards.
- Students who complete a humanities course in a language should additionally demonstrate proficiency in listening, speaking, reading, and writing in the target language.

Courses completed at UAA must be selected from the following Humanities courses:

Code	Title	Credits
Complete 6 credits from the following:		
AKNS A101A	Elementary Central Yup'ik Language I	4
AKNS A101B	Elementary Tlingit Language I	4
AKNS A101C	Elementary Alaska Native Language I	4
AKNS A101D	Elementary Inupiaq Language I	4
AKNS A101E	Elementary Alutiiq Language I	4
AKNS A101F	Elementary Dena'ina Language I	4
AKNS A101H	Elementary Ahtna Language I	4
AKNS A101I	Elementary Unangam Tunuu I	4
AKNS A102A	Elementary Central Yup'ik Language II	4
AKNS A102B	Elementary Tlingit Language II	4

AKNS A102C	Elementary Alaska Native Language II	4
AKNS A102D	Elementary Inupiaq Language II	4
AKNS A102E	Elementary Alutiiq Language II	4
AKNS A102F	Elementary Dena'ina Language II	4
AKNS A102H	Elementary Ahtna Language II	4
AKNS A102I	Elementary Unangam Tunuu II	4
AKNS A114A	Central Yup'ik Reading and Writing	3
AKNS A114B	Tlingit Reading and Writing	3
AKNS A114E	Alutiiq and Sugpiaq Reading and Writing	3
AKNS A114F	Dena'ina Reading and Writing	4
AKNS A114H	Ahtna Reading and Writing	3
AKNS A114I	Unangam Tunuu Reading & Writing	3
AKNS A201	Alaska Native Perspectives	3
AKNS A230	Oral Traditions of Alaska Native People	3
AKNS A240A	Alaska Native Cultural Orientation: Yup'ik	3
AKNS A240F	Alaska Native Cultural Orientation: Dena'ina	3
AKNS A240H	Alaska Native Cultural Orientation: Ahtna	3
AKNS A240I	Alaska Native Cultural Orientation: Unangax#	3
ASL A101	Elementary American Sign Language I	4
ASL A102	Elementary American Sign Language II	4
ASL A201	Intermediate American Sign Language I	4
ASL A202	Intermediate American Sign Language II	4
ENGL A121	Introduction to Literature	3
ENGL A200	Global Literature and Culture	3
ENGL A203	Literature of Britain I	3
ENGL A205	Literature of the United States I	3
ENGL A206	Literature of the United States II	3
ENGL A245	Alaska Native Literatures	3
FREN A101	Elementary French I	4
FREN A102	Elementary French II	4
FREN A201	Intermediate French I	4
FREN A202	Intermediate French II	4
GER A101	Elementary German I	4
GER A102	Elementary German II	4
GER A201	Intermediate German I	4
GER A202	Intermediate German II	4
HIST A101	Western Civilization I	3

HIST A102	Western Civilization II	3
HIST A121	East Asian Civilization I	3
HIST A122	East Asian Civilization II	3
HIST A131	History of the United States I	3
HIST A132	History of the United States II	3
HNRS A192	Honors Seminar: Enduring Books	3
HUM A211	Introduction to Humanities I	3
HUM A212	Introduction to Humanities II	3
JPN A101	Elementary Japanese I	4
JPN A102	Elementary Japanese II	4
JPN A201	Intermediate Japanese I	4
JPN A202	Intermediate Japanese II	4
LING A101	How Language Works	3
PHIL A101	Introduction to Logic	3
PHIL A103	Introduction to World Philosophies and Religions	3
PHIL A201	Introduction to Philosophy	3
PHIL A211	Ancient and Medieval Philosophy	3
PHIL A212	Early Modern Philosophy	3
PHIL A301	Ethics	3
PHIL A305	Professional Ethics	3
PS A331	Political Philosophy	3
PS A332	History of Political Philosophy I: Classical	3
PS A333	History of Political Philosophy II: Modern	3
RUSS A101	Elementary Russian I	4
RUSS A102	Elementary Russian II	4
RUSS A201	Intermediate Russian I	4
RUSS A202	Intermediate Russian II	4
SPAN A101	Elementary Spanish I	4
SPAN A102	Elementary Spanish II	4
SPAN A201	Intermediate Spanish I	4
SPAN A202	Intermediate Spanish II	4
THR A211	Theatre History to 1700	3
THR A212	Theatre History Since 1700	3

Natural Sciences

(must include a laboratory course)

The natural sciences focus on gaining an understanding of the matter, events and processes that form and sustain our universe. Methods of scientific inquiry are diverse, but all aim to formulate general principles that explain observations and predict future events or behaviors within their disciplines.

- Students completing their natural sciences requirement will be able to apply the scientific method by formulating questions or problems, proposing hypothetical answers or solutions, testing those hypotheses, and reaching supportable conclusions.

- Students demonstrate an understanding of the fundamentals of one or more scientific disciplines, a knowledge of the discoveries and advances made within that discipline, and the impact of scientific information in sculpting thought and in providing the foundations for the technology in use at various times in history.

Laboratory courses illustrate how scientists develop, test and challenge scientific theories, providing an appreciation for the process and problems involved in the advancement of scientific knowledge.

- Students will demonstrate the ability to work with the tools and in the settings encountered by professionals in the discipline.
- Students will critically observe materials, events or processes, and accurately record and analyze their observations.

Courses completed at UAA must be selected from the following Natural Sciences courses:

Code	Title	Credits
Complete 7 credits of the following: (must include a laboratory course)		
ANTH A205 & A205L	Biological Anthropology and Biological Anthropology Laboratory	4
ANTH A211 & A211L	Archaeology and Archaeology Laboratory	4
ASTR A103 & A103L	Solar System Astronomy and Solar System Astronomy Laboratory	4
ASTR A104 & A104L	Stars, Galaxies and Cosmology and Stars, Galaxies and Cosmology Laboratory	4
BIOL A100	Human Biology	3
BIOL A102 & BIOL A103	Introductory Biology and Introductory Biology Laboratory	4
BIOL A108	Principles and Methods in Biology	6
BIOL A111 & A111L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Lab	4
BIOL A112 & A112L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	4
BIOL/GEOL A178	Introduction to Oceanography	3
BIOL/GEOL A179	Introduction to Oceanography Laboratory	1
BIOL A200	Introduction to Complexity	3
CHEM A103 & A103L	Introduction to General Chemistry and Introduction to General Chemistry Laboratory	4
CHEM A104 & A104L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Laboratory	4

CHEM A105 & A105L	General Chemistry I and General Chemistry I Laboratory	4
CHEM A106 & A106L	General Chemistry II and General Chemistry II Laboratory	4
ENVI A211 & A211L	Environmental Science: Systems and Processes and Environmental Science: Systems and Processes Laboratory	4
GEOG A111	Earth Systems: Elements of Physical Geography	3
GEOL A111 & A111L	Planet Earth and Planet Earth Laboratory	4
GEOL A115 & A115L	Dangerous Earth and Dangerous Earth Laboratory	4
GEOL A221	Journey Through Time	4
LSIS A102	Origins: Earth-Solar System-Life	5
PHYS A101	Physics of Sports	3
PHYS A123 & A123L	College Physics I and College Physics I Laboratory	4
PHYS A124 & A124L	College Physics II and College Physics II Laboratory	4
PHYS A211 & A211L	General Physics I and General Physics I Laboratory	4
PHYS A212 & A212L	General Physics II and General Physics II Laboratory	4

Social Sciences

The social sciences constitute the various fields of study concerned with society, social interaction and human behavior. Each of the specific disciplines in the social sciences is a historically recognized area of inquiry with a scientifically grounded methodology, yet they all share the goal of understanding society, its institutions, and its people and their behavior.

- Students describe the discipline studied and discuss the key principles or themes that unify it.
- Students describe and contrast key scientific theories and theoretical approaches in a discipline and the ways in which these theories structure social scientists' thinking and research
- Students demonstrate the ability to think critically about how society works and how social realities are created by diverse social processes and cultural practices.
- Students describe the wide range of social science data and the importance of using empiricism, both qualitative and quantitative, in making claims about the social world and in setting evidence-based social policy.
- Students explain and use basic social science methods and summarize the assumptions behind and the limitations of inductive or deductive approaches that might include the formulation of research questions and hypotheses; data collection and analysis; and testing, verifying and rejecting hypotheses.

Courses completed at UAA must be selected from the following Social Sciences courses:

Code	Title	Credits
Complete 6 credits of the following:		
ANTH A101	Introduction to Anthropology	3
ANTH A200	Alaska Native Cultures	3
ANTH A202	Cultural Anthropology	3
ANTH A250	First Footsteps/ First Cities: Emergence of Complex Societies	3
BA A151	Business Foundations	3
CEL A292	Introduction to Civic Engagement	3
COMM A255	Organizational Communication	3
COMM A280	Communication Theories in Action	3
ECON A101	Principles of Microeconomics	3
ECON A102	Principles of Macroeconomics	3
ECON A120	Introduction to Economic Analysis	3
ECON A210	Environmental Economics and Policy	3
ECON A256	Introduction to Behavioral Economics	3
EDEC A105	Introduction to the Field of Early Childhood Education	3
ENVI A212	Living on Earth: Introduction to Environmental Studies	3
GEOG/INTL A101	Local Places/Global Regions: An Introduction to Geography	3
HNRS A292	Honors Seminar in Social Science	3
JPC A104	Media Literacy	3
JUST A110	Introduction to Criminal Justice	3
JUST A175	Introduction to Juvenile Justice	3
JUST A251	Theories of Crime and Criminal Offending	3
LEGL A101	Introduction to Law	3
LSSS A111	Cultural Foundations of Human Behavior	3
PS A101	Introduction to American Government	3
PS A102	Introduction to Political Science	3
PS A311	Comparative Politics	3
PSY A111	Introduction to Psychology	3
PSY A150	Lifespan Development	3
PSY A200	Introduction to Behavior Analysis	3
SOC A101	Introduction to Sociology	3
SOC A201	Social Problems and Solutions	3
SOC A202	Social Institutions	3
SWK A106	Introduction to Social Welfare	3
SWK A243	Cultural Diversity and Community Service Learning	3
URS A121	Methods of Inquiry	3

WSGS A200	Introduction to Women's and Gender Studies	3
WSGS A201	Introduction to Gender and Sexuality Studies	3

Alaska Native-Themed GER

The Alaska Native-Themed GER addresses UAA's mission to serve 'the higher education needs of the state, its communities, and its diverse peoples'. It also recognizes UAA's unique location on the ancestral homelands of the Dena'ina Athabascan, Ahtna Athabascan, Alutiiq/Sugpiak, and Eyak peoples, and the 20 Alaska Native languages that are now official languages of the State of Alaska.

Students are required to complete a minimum of three credits of Alaska Native-Themed GER coursework from the following list to graduate with an Associate of Arts or a baccalaureate degree.

An AKNT course can meet other GER or program requirements. However, the same course cannot meet both the AKNT requirement and the Diversity and Inclusion requirement.

Student Learning Outcomes

After completing the Alaska Native-Themed GER, UAA students shall be able to:

- Recognize Alaska Native/Indigenous diversity by tribe, language and region.
- Identify and articulate the complexity and sophistication of Alaska Native/Indigenous knowledge systems and social institutions and the arts in historical and contemporary contexts.
- Articulate the social and legal development of Alaska Native peoples, such as ANCSA.
- Identify the historical forces of colonization and their impact upon Alaska Native regions, communities, and individuals.

Code	Title	Credits
AKNS A101A	Elementary Central Yup'ik Language I	4
AKNS A101B	Elementary Tlingit Language I	4
AKNS A101C	Elementary Alaska Native Language I	4
AKNS A101D	Elementary Inupiaq Language I	4
AKNS A101E	Elementary Alutiiq Language I	4
AKNS A101F	Elementary Dena'ina Language I	4
AKNS A101H	Elementary Ahtna Language I	4
AKNS A101I	Elementary Unangam Tunuu I	4
AKNS A102A	Elementary Central Yup'ik Language II	4
AKNS A102B	Elementary Tlingit Language II	4
AKNS A102C	Elementary Alaska Native Language II	4
AKNS A102D	Elementary Inupiaq Language II	4
AKNS A102E	Elementary Alutiiq Language II	4
AKNS A102F	Elementary Dena'ina Language II	4

AKNS A102H	Elementary Ahtna Language II	4
AKNS A102I	Elementary Unangam Tunuu II	4
AKNS A114A	Central Yup'ik Reading and Writing	3
AKNS A114B	Tlingit Reading and Writing	3
AKNS A114C	Alaska Native Language Reading and Writing	3
AKNS A114E	Alutiiq and Sugpiak Reading and Writing	3
AKNS A114F	Dena'ina Reading and Writing	4
AKNS A114H	Ahtna Reading and Writing	3
AKNS A114I	Unangam Tunuu Reading & Writing	3
AKNS A181	Community Project Planning	1
AKNS A182	Grant Writing for Alaska Native Communities	1
AKNS A184	Indigenous Leadership and Civic Engagement	1
AKNS A185	Event Planning and Meeting Facilitation	1
AKNS A190	Selected Topics: Alaska Native Cultural Skills	1-3
AKNS A201	Alaska Native Perspectives	3
AKNS A216	World Indigenous Music	3
AKNS A230	Oral Traditions of Alaska Native People	3
AKNS A240	Alaska Native Cultural Orientation - Alutiiq/Sugpiak	3
AKNS A240A	Alaska Native Cultural Orientation: Yup'ik	3
AKNS A240F	Alaska Native Cultural Orientation: Dena'ina	3
AKNS A240H	Alaska Native Cultural Orientation: Ahtna	3
AKNS A240I	Alaska Native Cultural Orientation: Unangax#	3
AKNS A261	Alaska Native Art History	3
AKNS A290	Topics in Alaska Native Studies	1-3
AKNS A292A	Alaska Native Language Apprenticeship	1-3
AKNS A292B	Alaska Native Language Conversational Fluency Intensive	1-3
AKNS/PS A313	Tribes, Nations and Peoples	3
AKNS A346	Alaska Native Politics	3
AKNS/MUS A356	Yup'ik Music and Dance Ensemble	3
AKNS/MUS A357	Inupiaq Music and Dance Ensemble	3
AKNS A390	Intermediate Topics in Alaska Native Studies	1-3
AKNS A421	Indigenous Language Curriculum Design & Instruction	3

AKNS/ANTH A461	Decolonizing Methodologies	3
AKNS A490	Advanced Topics in Alaska Native Studies	1-3
AKNS A492	Cultural Knowledge of Native Elders	3
AKNS A495A	Indigenous Language Instructor Internship	3
ANTH A200	Alaska Native Cultures	3
ANTH A390A	Arctic and Subarctic Cultures	3
ANTH A490D	Topics in the Contemporary North	3
ART A270	Beginning Alaska Native Art	3
ART A370	Intermediate Alaska Native Art	3
ART A470	Advanced Alaska Native Art	3
BA A201	Introduction to Alaska Native Business	1
BA A202	Alaska Native Organizations	3
BA A290A	Alaska Native Business Practices	1-3
BA A401	Alaska Native Corporation Business Management	3
BA A402	Alaska Native Corporation Leadership	4
BA A403	Inside the Boardroom of Alaska Native Organizations	1
BA A490B	Selected Topics in Alaska Native Corporations	1-3
DN A155	Survey of Alaska Native Nutrition	3
DN A325	Food & Nutrition in Modern Alaska	3
EDFN A478	Issues in Alaska Native Education, K-12	3
ENGL A245	Alaska Native Literatures	3
ENGL A490C	Topics in Native Literatures	3
HIST A341	History of Alaska	3
HIST A346	History of Native Peoples of United States and Canada	3
JUST A355	Rural Justice	3
LEGL A485	Tribal Courts and Alaska Native Rights	3
MUS/AKNS A215	Music of Alaska Natives and Indigenous Peoples of Northern Regions	3
MUS/AKNS A216	World Indigenous Music	3
MUS/AKNS A218A	Alaska Native Drummaking Techniques: Athabascan and Southeast Style	3
MUS/AKNS A218B	Alaska Native Drummaking Techniques: Inupiaq and Yup'ik Style	3
NS A430	Rural Health Care	3
PS A345	Alaska Government and Politics	3
PS A346	Alaska Native Politics	3

PSY A465	Cross-Cultural Psychology	3
SWK A243	Cultural Diversity and Community Service Learning	3

Diversity & Inclusion GER

The Diversity and Inclusion GER initiative addresses UAA's mission to serve 'the higher education needs of the state, its communities, and its diverse peoples.' UAA honors diverse experiences and perspectives—including differences in ideas, religion, gender, gender identity, sexual orientation, ethnicity, race, culture, nationality, age, disability, veteran, and socioeconomic status—and strives to create welcoming and inclusive learning environments where all are treated with respect. Diversity maximizes our potential for creativity, innovation, educational excellence, and outstanding service to our communities.

Students admitted as first-time degree-seeking students beginning in Fall 2020 or later are required to complete a minimum of three credits of Diversity and Inclusion GenEd coursework from the approved list to graduate with an Associate of Arts or a baccalaureate degree.

A Diversity and Inclusion course can meet other GER or program requirements. However, the same course cannot meet both the AKNT requirement and the Diversity and Inclusion requirement.

Student Learning Outcomes

After completing the Diversity and Inclusion GER, UAA students shall be able to:

- Demonstrate an understanding of the complex elements important to their own culture and/or socially defined groups in relation to their history, values, beliefs, and/or practices.
- Analyze differences among cultures and socially-defined groups in relation to their history, values, beliefs, and/or practices.
- Evaluate power, privilege, and equity with regards to their own culture and socially defined group compared with others.
- Apply knowledge and skills from a particular academic discipline as it relates to issues of cultural specificity and diversity.

Code	Title	Credits
AKNS A101A	Elementary Central Yup'ik Language I	4
AKNS A101B	Elementary Tlingit Language I	4
AKNS A101C	Elementary Alaska Native Language I	4
AKNS A101D	Elementary Inupiaq Language I	4
AKNS A101E	Elementary Alutiiq Language I	4
AKNS A101F	Elementary Dena'ina Language I	4
AKNS A101H	Elementary Ahtna Language I	4
AKNS A101I	Elementary Unangam Tunuu I	4
AKNS A102A	Elementary Central Yup'ik Language II	4
AKNS A102B	Elementary Tlingit Language II	4

AKNS A102C	Elementary Alaska Native Language II	4	AKNS A490	Advanced Topics in Alaska Native Studies	1-3
AKNS A102D	Elementary Inupiaq Language II	4	AKNS A492	Cultural Knowledge of Native Elders	3
AKNS A102E	Elementary Alutiiq Language II	4	AKNS A495A	Indigenous Language Instructor Internship	3
AKNS A102F	Elementary Dena'ina Language II	4	ANTH A101	Introduction to Anthropology	3
AKNS A102H	Elementary Ahtna Language II	4	ANTH A200	Alaska Native Cultures	3
AKNS A102I	Elementary Unangam Tunuu II	4	ANTH A202	Cultural Anthropology	3
AKNS A114A	Central Yup'ik Reading and Writing	3	ANTH A205	Biological Anthropology	3
AKNS A114B	Tlingit Reading and Writing	3	ANTH A205L	Biological Anthropology Laboratory	1
AKNS A114C	Alaska Native Language Reading and Writing	3	ANTH A210	Linguistic Anthropology	3
AKNS A114E	Alutiiq and Sugpiaq Reading and Writing	3	ANTH A211	Archaeology	3
AKNS A114F	Dena'ina Reading and Writing	4	ANTH A250	First Footsteps/ First Cities: Emergence of Complex Societies	3
AKNS A114H	Ahtna Reading and Writing	3	ANTH A452	Culture and Human Biodiversity	3
AKNS A114I	Unangam Tunuu Reading & Writing	3	ANTH A454	Culture and Ecology	3
AKNS A181	Community Project Planning	1	ANTH A455	Culture and Health	3
AKNS A182	Grant Writing for Alaska Native Communities	1	ANTH A464	Culture and Globalization	3
AKNS A184	Indigenous Leadership and Civic Engagement	1	ART A160	Art Appreciation	3
AKNS A185	Event Planning and Meeting Facilitation	1	ART A261	History of Western Art I	3
AKNS A190	Selected Topics: Alaska Native Cultural Skills	1-3	ART A262	History of Western Art II	3
AKNS A201	Alaska Native Perspectives	3	ART A360A	History of Non-Western Art I	3
AKNS/MUS A215	Music of Alaska Natives and Indigenous Peoples of Northern Regions	3	ART A360B	History of Non-Western Art II	3
AKNS/MUS A216	World Indigenous Music	3	ASL A101	Elementary American Sign Language I	4
AKNS A240A	Alaska Native Cultural Orientation: Yup'ik	3	ASL A102	Elementary American Sign Language II	4
AKNS A240F	Alaska Native Cultural Orientation: Dena'ina	3	ASL A201	Intermediate American Sign Language I	4
AKNS A240H	Alaska Native Cultural Orientation: Ahtna	3	ASL A202	Intermediate American Sign Language II	4
AKNS A240I	Alaska Native Cultural Orientation: Unangax#	3	CEL A292	Introduction to Civic Engagement	3
AKNS A292A	Alaska Native Language Apprenticeship	1-3	COMM A305	Intercultural Communication	3
AKNS A292B	Alaska Native Language Conversational Fluency Intensive	1-3	DNCE A170	Dance Appreciation	3
AKNS/MUS A357	Inupiaq Music and Dance Ensemble	3	DN A415	Community Nutrition	3
AKNS A390	Intermediate Topics in Alaska Native Studies	1-3	EDFN A304	Comparative Education	3
AKNS A421	Indigenous Language Curriculum Design & Instruction	3	ENGL A200	Global Literature and Culture	3
			ENGL A203	Literature of Britain I	3
			ENGL A204	Literature of Britain II	3
			ENGL A205	Literature of the United States I	3
			ENGL A206	Literature of the United States II	3
			ENGL A245	Alaska Native Literatures	3
			FREN A201	Intermediate French I	4
			FREN A202	Intermediate French II	4
			GEOG/INTL A101	Local Places/Global Regions: An Introduction to Geography	3
			GER A201	Intermediate German I	4
			GER A202	Intermediate German II	4

HIST A101	Western Civilization I	3
HIST A102	Western Civilization II	3
HIST A121	East Asian Civilization I	3
HIST A122	East Asian Civilization II	3
HIST A131	History of the United States I	3
HIST A132	History of the United States II	3
HIST/INTL/PS A325	Northeast Asia in 21st Century	3
HIST A341	History of Alaska	3
HIST A390	Themes in World History	3
HIST A427	Post-Soviet Culture and Society	3
HUM A211	Introduction to Humanities I	3
HUM A212	Introduction to Humanities II	3
JPN A201	Intermediate Japanese I	4
JPN A202	Intermediate Japanese II	4
JUST A175	Introduction to Juvenile Justice	3
JUST A460	Justice in Crisis	3
LEGL A443	Civil Liberties	3
LEGL A485	Tribal Courts and Alaska Native Rights	3
LSSS A111	Cultural Foundations of Human Behavior	3
NS A411	Population Health Integrative Capstone	3
PHIL A211	Ancient and Medieval Philosophy	3
PHIL A212	Early Modern Philosophy	3
PHIL A301	Ethics	3
PHIL A305	Professional Ethics	3
PHIL A313	Eastern Philosophy and Religion	3
PHIL A314	Abrahamic Religions	3
PHIL A400	Ethics, Community, and Society	3
RUSS A201	Intermediate Russian I	4
RUSS A202	Intermediate Russian II	4
SOC A101	Introduction to Sociology	3
SOC A201	Social Problems and Solutions	3
SOC A202	Social Institutions	3
SOC A490A	Senior Sociology Seminar	3
SPAN A201	Intermediate Spanish I	4
SPAN A202	Intermediate Spanish II	4
SWK A106	Introduction to Social Welfare	3
SWK A243	Cultural Diversity and Community Service Learning	3
THR A492	Seminar in Theatre or Dance	3
WSGS A200	Introduction to Women's and Gender Studies	3
WSGS A201	Introduction to Gender and Sexuality Studies	3

Tier 3: Integrative Capstone

Integrative Capstone courses culminate the GER experience by synthesizing material across GER domains with the blending of basic college-level skills (Tier 1) and/or disciplinary areas (Tier 2), establishing a foundation for life-long learning.

- Students completing the integrative capstone requirement demonstrate the ability to integrate knowledge and employ skills to synthesize creative thinking, critical judgment and personal experience in a meaningful and coherent manner.
- Student adopt critical perspectives for understanding the forces of globalization and diversity.

The 37-credit General Education Requirement, including the 3-credit integrative capstone, is required for graduation after September 2008 for baccalaureate students who were admitted to major or pre-major status under the 2005-2006 UAA Catalog or later catalogs. (For specifics on catalog year requirements, see Academic Standards and Regulations (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/academicstandardsregulations/>).)

Courses completed at UAA must be selected from the following Integrative Capstone courses:

Code	Title	Credits
Complete 3 credits from the following:		
ACCT A452	Auditing	3
ANTH A452	Culture and Human Biodiversity	3
ANTH A454	Culture and Ecology	3
ANTH A455	Culture and Health	3
ANTH A464	Culture and Globalization	3
ART A491	Senior Seminar	3
ASTR/BIOL A365	Astrobiology	3
ATA A492	Air Transportation System Seminar	3
BA A376	Management Information Systems	3
BIOL A452	Human Genome	3
BIOL A473	Conservation Biology	3
BIOL/CHEM A474	Ecotoxicology	3
BIOL A481	Marine Biology	3
BIOL A489	Population Genetics and Evolutionary Processes	3
CE A438	Design of Civil Engineering Systems	3
CEL A450	Civic Engagement Leadership Capstone	3
CHEM A441	Principles of Biochemistry I	3
CM A450	Construction Management Professional Practice	3
COMM A412	Persuasion	3
CSCE A470	Computer Science and Engineering Capstone Project	3
DH A424	Community Dental Health II	3
DN A415	Community Nutrition	3

DNCE A370	Interdisciplinary Dance Studies: Issues and Methods	3	NS A475	*Nursing Integrative Capstone	3
ECON A492	Seminar in Economic Research	3	OSH A460	Economic Value of Safety	3
EDFN A300	Philosophical and Social Context of American Education	3	PHIL A400	Ethics, Community, and Society	3
EDFN A304	Comparative Education	3	PHYS A456	Nonlinear Dynamics and Chaos	3
EE A438	Design of Electrical Engineering Systems	3	PS A492	Senior Seminar in Politics	3
ENGL A476	History of English Language	3	PSY A370	Behavioral Neuroscience	3
ENGL A478	Public Science Writing	3	SOC A490A	Senior Sociology Seminar	3
ENGL A479	Advanced Studies in Literature	3	STAT A308	Intermediate Statistics for the Sciences	3
GEO A460	Geomatics Capstone Project	3	SWK A406	Social Welfare: Policies and Issues	3
GEOG A390A	Topics in Global Geography	3	TECH A453	Capstone Project	3
GEOG A470	Environmental Policy and Regulation in Alaska	3	THR A492	Seminar in Theatre or Dance	3
GEOL A361	Earth Resources and Society	3			
GEOL/MBIO A468	Geomicrobiology	3			
HA A495	Hospitality Administration Internship	6			
HIST/INTL/PS A325	Northeast Asia in 21st Century	3			
HIST A330	Russia in East Asia	3			
HIST A341	History of Alaska	3			
HIST A390	Themes in World History	3			
HIST A427	Post-Soviet Culture and Society	3			
HS A492	Senior Seminar: Contemporary Health Policy	3			
HUMS A496	Human Services Integrative Capstone	3			
JPC A403	Communications and Media Research	3			
JPC A492	JPC Capstone Seminar	3			
JUST A430	Homelessness and Crime	3			
JUST A432	Crime Analysis and Mapping	3			
JUST A434	Police-Community Relations	3			
JUST A460	Justice in Crisis	3			
JUST A463	Biosocial Criminology	3			
KIN A384	Cultural and Psychological Aspects of Health and Physical Activity	3			
LEGL A443	Civil Liberties	3			
LEGL A449	Jurisprudence and Legal Theory	3			
LEGL A485	Tribal Courts and Alaska Native Rights	3			
MATH A420	Historical Mathematics	3			
ME A438	Design of Mechanical Engineering Systems	3			
MEDT A302	Clinical Laboratory Education and Management	4			
MUS A331	Form and Analysis	3			
NS A411	Population Health Integrative Capstone	3			