

ASSOCIATE DEGREES

How to Earn an Associate Degree

To earn a UAF degree, three sets of requirements must be satisfied: general university requirements, degree requirements and program (major) requirements. These requirements are all described in this section of the catalog. Requirements for each program major are found in the Associate Degree Programs (p. 14) section.

If a degree program is delivered collaboratively within the UA system (e.g., information technology specialist, early childhood education, human services, rural human services), then the credits earned from each UA institution will be counted toward fulfillment of the degree requirements and fulfillment of the minimum institutional residency requirements. Institutional residency requirements are the minimum number of credits that must be earned from the campus where the degree is earned.

CATALOG YEAR AND TIME LIMITS

UAF defines catalog year as beginning in the fall and ending at the conclusion of the summer semester. For example, the 2023-2024 catalog year includes fall 2023, spring 2024 and summer 2024.

The associate degree must be completed within five years from the term admitted. A student may change their catalog year if they were an enrolled student in a degree-seeking program during the academic year selected. If a student is not enrolled for a semester or more, or if enrolled through the non-degree student registration process, a student isn't considered enrolled as a degree student during that time.

MAJORS

A major is declared upon admittance to UAF as an associate degree undergraduate student.

Students enrolled in an associate degree who want to declare a bachelor's degree major must apply for admission to a degree program following the standard admission process for bachelor's degree programs. (See admission requirements in How to Earn a Bachelor's Degree (<https://catalog.uaf.edu/bachelors/>)).

• Changing a Major

Undergraduate students may change majors by completing a change of major form available from the Office of the Registrar forms page (<https://www.uaf.edu/reg/forms/>). If a change of major is submitted after courses have started for the term, it will be applied for the following semester. Students who wish to change majors from one level to another level (e.g., from an associate degree to a bachelor's degree) must apply for admission to the degree program following the standard admission process.

CONCENTRATIONS

An area of emphasis, including the major core courses within a student's degree program, is termed a concentration. Some programs at UAF require a concentration, others do not. A student may only earn one degree in a specific discipline once. Using different concentrations within a degree program to count as different degrees is not allowed.

SECOND ASSOCIATE DEGREE

To receive a second Associate of Applied Science degree, at least 12 credit hours beyond the first associate degree must be earned, as well as completion of all requirements for the major. As long as the additional 12-

hour requirement has been completed, a student may be awarded two degrees in one semester.

EXCEPTIONS TO DEGREE REQUIREMENTS

Occasionally an undergraduate student may request an exception to an academic requirement, policy or regulation. Requests for an academic exception must be approved by petition. If a student submits a petition on the basis of a disability, the coordinator of Disability Services will be consulted. Undergraduate petition forms are available at the Office of the Registrar or on the Office of the Registrar's forms page (<https://www.uaf.edu/reg/forms/>). Forms must be returned to the Office of the Registrar with the required approval signatures. The Office of the Registrar will note the completed petition in DegreeWorks once the appropriate person or committee has made a decision. Academic petitions fall into three categories, and each involves different processes:

• General Education Requirement Petitions

If a petition deals with baccalaureate general education requirements or the Associate of Arts or Science library science requirement, the advisor and the head of the department of the academic area involved must grant approval. Submit the signed petition to the Office of the Registrar. It will then be forwarded to the chair of the Faculty Senate Core/General Education Requirement Curriculum Review Committee for consideration.

• Major or Minor Degree Requirement Petitions

If the goal is to waive or substitute courses within a major or a minor's requirements, approval signatures from the advisor and the department or program head of the major or minor area. Submit the signed petition to the Office of the Registrar.

• Petitions for Other Requirements

If the petition deals with general university and/or specific requirements for the degree or other academic policies, approval is needed from the advisor and the dean or director of the college or school in which the major is located. Submit the signed petition to the Office of the Registrar. It will then be forwarded to the provost for consideration.

RESIDENCE CREDIT

Residence credit is course credit earned through any unit of UAF. Formal classroom instruction, correspondence study, distance-delivered courses, individual study or research at UAF are all considered residence credit.

Transfer credit, advanced placement credit, credit for prior learning, military service credit and credit granted through nationally prepared examinations are not considered residence credit. None of these types of credit can be applied to UAF residency requirements.

UAF residence credit takes precedence over any nonresident credit. For example, if a student has AP credit for a course, but takes the same courses at UAF, the AP credit will be excluded and the UAF course will be applied to the degree requirements.

RESIDENCY REQUIREMENT

Most universities have residency requirements that call for a certain number of credits toward a degree to be earned at the degree-granting school. At UAF, the residency requirement for an associate degree is 15 resident credits.

ALASKA NATIVE-THEMED REQUIREMENTS

The Alaska Native-themed requirement is a degree requirement for all baccalaureate, associate of arts and associate of science degrees. The requirement may be met by taking a designated Alaska Native-themed

course anywhere in the student's course of study, including general education requirements, major requirements, minor requirements and electives.

GRADUATION

- **Responsibility**

It is the student's responsibility to meet all requirements for graduation. Students are encouraged to work with their advisor and use DegreeWorks throughout their college career to ensure they are on track to graduate.

- **Application for Graduation**

A formal application and non-refundable fee for graduation are required to be filed with the Office of the Registrar. Application prior to the semester planned for graduation is encouraged. If the application is filed by the published deadline the graduation application fee is \$50. Late application for graduation is available by the published late graduation deadline for the semester. The fee for a late application is \$80. Applications for graduation filed after the late deadline are processed for graduation the following semester. Students who apply for graduation and who do not complete degree requirements by the end of the semester must reapply for graduation and repay the fee.

- **Diplomas and Commencement**

UAF issues diplomas to graduates three times a year: in September following summer sessions, in February at the end of the fall semester and in June at the end of the spring semester. Students who complete degree requirements for UA Board of Regents-approved academic programs during the academic year are invited to participate in the annual commencement ceremony at the end of the spring semester.

Names of students receiving degrees/certificates appear in the commencement program and are released to the media unless a written request to withhold is submitted to the Office of the Registrar. Graduates are responsible for ordering caps and gowns through the UAF bookstore in early spring.

- **Graduation with Honors**

Graduation with Latin honors is a tribute that recognizes academic achievement. Honors graduates have earned a cumulative GPA of 3.5 or higher in all college work. If a student's overall cumulative GPA is 3.5 or higher, a student graduates with the distinction of cum laude; 3.75 or higher, magna cum laude; 3.9 or higher, summa cum laude. For students to be considered for graduation with Latin honors, they must have:

- 3.5 cumulative GPA in all attempted UAF credits, and
- UAF residence credit of 15 semester hours for an associate degree.

Once those requirements are met, Latin honors can be determined.

General University Requirements for Associate Degrees

At least 30 semester credits for a certificate and 60 semester credits for an associate degree, including transfer credits, must be earned at the 100-level or above. At least 15 semester credits applicable to any certificate or associate degree must be earned at UAF. A minimum cumulative GPA of 2.0 is required in all work as well as in the major field. A C- grade or higher must be earned in all courses required for a degree unless otherwise specified by the program major (major, minor, general education requirements and degree requirements). Some majors require higher GPAs for major coursework.

Unless otherwise specified by the appropriate academic unit, a course may be taken more than once toward fulfilling degree, certificate or major requirements. However, credit hours for such courses count only once toward total credits required for the degree or certificate.

Requirement	Associate Degree
Minimum number of credits required	60 credits
Credits that must be earned at UAF (residence credit)	15 credits
Grade point average required	2.0 cumulative and in major
Minimum grades required for major	No grade lower than C- in courses required for major. Some departments have higher requirements
Catalog year that can be used to meet requirements	May use any catalog in effect when enrolled as a degree-seeking student, regardless of major; five-year limit on catalog year
Second degree requirements	Only one A.A. degree may be earned; 12 credits beyond first A.A.S. degree and all requirements for the second degree must be met

Associate Degree Requirements

GENERAL ASSOCIATE DEGREE REQUIREMENTS

- At least 60 semester hours, including transfer credits, must be completed to earn a UAF associate degree.
- At least 15 credits applicable to any associate degree must be UAF resident credits.

ASSOCIATE OF APPLIED SCIENCE (A.A.S.) REQUIREMENTS

Minimum Requirements for Degree: 60 credits

The Associate of Applied Science degree is for students preparing for entry-level employment or upgrading in a specific occupation. This degree is not intended for transfer into a four-year degree program. However, some courses within the A.A.S. degree may be accepted in a four-year bachelor's program. (Each course is considered on an individual basis.)

A.A.S. degrees are awarded in specific occupational fields with an emphasis on entering the job market. This degree, usually seen as a terminal degree, can serve as the basis for additional education. For specific major requirements, see the Associate Degree Programs (p. 14) section.

Students planning to go on to a bachelor's degree need to work closely with their advisors and are encouraged to select courses meeting general education requirements and courses designated within majors and minors. Only courses with an X designator count towards the baccalaureate general education requirements (GER).

Students must have a cumulative GPA of at least 2.0 in their major and overall. A minimum C- grade or higher is required in all courses required for the degree (major, minor, general education requirements and degree requirements) unless otherwise specified by the major. Some majors require higher GPAs for major coursework.

All credits for the A.A.S. degree must be at the F100 level or above and be distributed as follows:

Code	Title	Credits
Communication		9
Complete the following:		
ABUS F271	Business Communications	
or WRTG F211X	Writing and the Humanities	
or WRTG F212X	Writing and the Professions	
or WRTG F213X	Writing and the Sciences	
or WRTG F214X	Arguing Across Contexts	
COM F121X	Introduction to Interpersonal Communication	
or COM F131X	Fundamentals of Oral Communication: Group Context	
or COM F141X	Fundamentals of Oral Communication: Public Context	
WRTG F111X	Writing Across Contexts	
Computation		3
Complete one of the following:		
Any course at the F100 level or above in mathematical sciences (computer science, math or statistics)		
ABUS F155	Business Math	
ECE F117	Practical Math Skills	
HLTH F116	Mathematics in Health Care	
HUMS F117	Practical Math Skills	
MATH F105	Intermediate Algebra	
TTCH F131	Mathematics for the Trades	
Other program-approved discipline-based computation course or discipline-based course with embedded computation content		
Human Relations		3
Complete one of the following:		
ABUS F154	Human Relations	
ANL F287	Teaching Methods for Alaska Native Languages	
ANTH F100X	Individual, Society and Culture	
ECE F104X	Child Development I: Prenatal, Infants and Toddlers	
ECE F107X	Child Development II: The Preschool and Primary Years	
ED/PSY F245	Child Development	
HLTH F106	Human Behavior in Health Care	
HUMS F120	Cultural Diversity in Human Services	
RHS F110 and RHS F115	Cross-cultural Bridging Skills and Issues of Personal Development	
SOC F101X	Introduction to Sociology	

Other program-approved discipline-based human relations course or discipline-based course with embedded human relations content	
Major Specialty	30
At least 30 hours of major specialty courses	
Electives to total	60

ASSOCIATE OF ARTS (A.A.) REQUIREMENTS

Minimum Requirements for Degree: 60 credits

The Associate of Arts degree represents the completion of broad-based college study. This degree may serve as a starting point in a student's career or as a stepping stone to a bachelor's program. Only one A.A. degree may be earned.

Students planning to go on to a bachelor's degree are advised to select courses meeting remaining general education requirements and courses designated within bachelor's degree majors and minors.

Students must have a cumulative GPA of at least 2.0 in their major and overall. Students must earn a C- grade or higher in all courses required for their degree unless otherwise specified by their major (major, minor, general education requirements and degree requirements). Some majors require higher GPAs for major coursework.

The curriculum of the Associate of Arts degree consists of all courses required to meet the UAF baccalaureate general education requirements, with the following exception:

All credits for the A.A. degree must be at the F100 level or above, with 20 credits at the F200 level or above, and be distributed as follows:

Code	Title	Credits
General education requirement credits		35-40
A.A. degree requirements		0-4
General electives		19-24
Total Credits		60

General Education Requirements - 35-40 credits

Code	Title	Credits
Communication		9
Complete the following:		
COM F121X or COM F131X or COM F141X	Introduction to Interpersonal Communication Fundamentals of Oral Communication: Group Context Fundamentals of Oral Communication: Public Context	
WRTG F111X	Writing Across Contexts	
WRTG F211X or WRTG F212X or WRTG F213X or WRTG F214X	Writing and the Humanities Writing and the Professions Writing and the Sciences Arguing Across Contexts	
Arts		3
Complete one of the following:		
ANS/FLPA F161X	Introduction to Alaska Native Performance	
ANS F202X	Aesthetic Appreciation of Alaska Native Performance	
ANS/MUS/ACNS F223X	Alaska Native Music	
ART F105X	Beginning Drawing	
ART F200X	Explorations in Art	
ART F261X	History of World Art I	
ART F262X	History of World Art II	
ENGL/FLPA F217X	Introduction to the Study of Film	
FLPA F105X	History of the Cinema	
FLPA F121X	Fundamentals of Acting	
FLPA F200X	Discovering Stage & Screen	
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		3-5
Complete one of the following:		
ANL F251X	Introduction to Athabascan Linguistics	

ANL F255X	Introduction to Alaska Native Languages
ENGL/FL F200X	World Literature
ENGL F201X	Texts and Contexts
ENGL F270X	Introduction to Creative Writing
JOUR F101X	Media and Culture
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
OR complete one of the following languages:	
ANL F141X	Beginning Dene / Athabascan I
ANL F142X	Beginning Dene / Athabascan II
ASLG F101X	American Sign Language I
ASLG F202X	American Sign Language II
CHNS F101X	Elementary Chinese I
CHNS F102X	Elementary Chinese II
FREN F101X	Elementary French I
FREN F102X	Elementary French II
GER F101X	Elementary German I
GER F102X	Elementary German II
INU F111X	Elementary Inupiaq I
INU F112X	Elementary Inupiaq II
JPN F101X	Elementary Japanese I
JPN F102X	Elementary Japanese II
LAT F101X	Beginning Latin I
LAT F102X	Beginning Latin II
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 I
YUP F102X	Elementary Central Yup'ik II

Social Sciences**6**

Complete two courses 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	Indigenous 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
ECE F104X	Child Development I: Prenatal, Infants and Toddlers
ECE F107X	Child Development II: The Preschool and Primary Years
ECE F210X	Child Guidance
ECE F229X	Foundations in Nutrition and Physical Wellness
ECON F101X	Principles of Microeconomics
ECON F102X	Principles of Macroeconomics
ECON F111X	The Economy of Rural Alaska

ECON F120X	Introduction to Economic Analysis	
ECON F235X	Introduction to Natural Resource Economics	
HIST F100X	Modern World History	
HIST F102X	Western Civilization Since 1500	
HIST F110X	History of Alaska Natives from Contact to the Present	
HIST F122X	East Asian Civilization	
HIST F132X	History of the U.S. II	
HUMS/JUST F125X	Introduction to Addictive Processes	
JUST F110X	Introduction to Justice	
JUST F251X	Criminology	
NRM F111X	Introduction to Sustainability Science	
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	
PSY F123X	Sleepless in Alaska: Sleep, Health and You	
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, Gender and Sexuality Studies	
Additional Arts/Humanities/Social Science		3-5
Complete one additional course from the arts, humanities or social science courses listed above.		
Mathematics		3-4
Complete one of the following:		
MATH F113X	Numbers and Society	
MATH F122X	Essential Precalculus with Applications ¹	
MATH F151X	College Algebra for Calculus ¹	
MATH F152X	Trigonometry	
MATH F156X	Precalculus	
MATH F230X	Essential Calculus with Applications ^{2,3}	
MATH F251X	Calculus I ^{2,3}	
MATH F252X	Calculus II ³	
MATH F253X	Calculus III ³	
STAT F200X	Elementary Statistics	
Natural Sciences		8
Complete two of the following:		
ATM F101X	Weather and Climate of Alaska	
BIOL F100X	Human Biology	
BIOL F103X	Biology and Society	
BIOL/WLF F104X	Natural History of Alaska	
BIOL F111X	Human Anatomy and Physiology I	
BIOL F112X	Human Anatomy and Physiology II	
BIOL F115X	Fundamentals of Biology I	
BIOL F116X	Fundamentals of Biology II	
BIOL F120X	Introduction to Human Nutrition	
BIOL F240X	Beginnings in Microbiology	
CHEM F100X	Chemistry in Complex Systems	
CHEM F103X	Introduction to General Chemistry	
CHEM F104X	Introduction to Organic Chemistry and Biochemistry	
CHEM F105X	General Chemistry I	

CHEM F106X	General Chemistry II
CHEM F111X	Introduction to Environmental Chemistry of the Arctic
ENVI F101X	Introduction to Environmental Science
ES F100X and ES F100L	Engineering Alaska - An Introduction to Engineering and Makerspace Alaska - A Laboratory Introduction to Engineering
GEOS F101X	The Dynamic Earth
GEOS F102X	Wicked Maps for Wicked Problems: Geographic Information Systems Across Disciplines
GEOS F106X	Life in the Age of Dinosaurs
GEOS F111X	Earth and Environment: Elements of Physical Geography
GEOS F112X	The History of Earth and Life
GEOS F120X	Glaciers, Earthquakes and Volcanoes: Past, Present and Future
MBI/OCN F111X	The Oceans
PHYS F102X	Energy and Society
PHYS F115X	Physical Sciences
PHYS F123X	College Physics I
PHYS F124X	College Physics II
PHYS F165X	Introduction to Astronomy
PHYS F211X	General Physics I
PHYS F212X	General Physics II
PHYS F213X	Elementary Modern Physics

Total Credits **35-40**

¹ Credit may be earned for either MATH F122X or MATH F151X, but not both.

² Credit may be earned for either MATH F230X or MATH F251X, but not both.

³ Or any math course having one of these as a prerequisite.

A.A. Degree Requirements - 0-4 credits

Code	Title	Credits
Library and Information Research		0-1
Complete one of the following prior to junior standing:		
LS F101X	Library Information and Research	
Successful completion of library skills competency test		
Alaska Native-themed Requirement		3
During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.		
Complete the Alaska Native-themed requirements. (https://catalog.uaf.edu/bachelors/#alaskanativethemedrequirementtext)		
Total Credits		0-4

ASSOCIATE OF SCIENCE (A.S.) REQUIREMENTS

Minimum Requirements for Degree: 60 credits

The Associate of Science degree represents the completion of a broad-based course of study with an emphasis in the sciences. This degree may serve as a stepping stone to a science-related baccalaureate program. A student may earn only one A.S. degree.

A student must have a cumulative GPA of at least 2.0 in their major and overall. Students must earn a C- grade or higher in all courses required for their degree unless otherwise specified by their major (major, minor, general education requirements and degree requirements). Some majors require higher GPAs for major coursework.

General Education Requirements - 43-48 credits

Code	Title	Credits
Communication		9
Complete the following:		
COM F121X or COM F131X or COM F141X	Introduction to Interpersonal Communication Fundamentals of Oral Communication: Group Context Fundamentals of Oral Communication: Public Context	
WRTG F111X	Writing Across Contexts	
WRTG F211X or WRTG F212X or WRTG F213X or WRTG F214X	Writing and the Humanities Writing and the Professions Writing and the Sciences Arguing Across Contexts	
Arts		3
Complete one of the following:		
ANS/FLPA F161X	Introduction to Alaska Native Performance	
ANS F202X	Aesthetic Appreciation of Alaska Native Performance	
ANS/MUS/ACNS F223X	Alaska Native Music	
ART F105X	Beginning Drawing	
ART F200X	Explorations in Art	
ART F261X	History of World Art I	
ART F262X	History of World Art II	
ENGL/FLPA F217X	Introduction to the Study of Film	
FLPA F105X	History of the Cinema	
FLPA F121X	Fundamentals of Acting	
FLPA F200X	Discovering Stage & Screen	
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		3-5
Complete one of the following:		
ANL F251X	Introduction to Athabascan Linguistics	
ANL F255X	Introduction to Alaska Native Languages	
ENGL/FL F200X	World Literature	
ENGL F201X	Texts and Contexts	
ENGL F270X	Introduction to Creative Writing	
JOUR F101X	Media and Culture	
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	
OR complete one of the following languages:		
ANL F141X	Beginning Dene / Athabascan I	

ANL F142X	Beginning Dene / Athabascan II
ASLG F101X	American Sign Language I
ASLG F202X	American Sign Language II
CHNS F101X	Elementary Chinese I
CHNS F102X	Elementary Chinese II
FREN F101X	Elementary French I
FREN F102X	Elementary French II
GER F101X	Elementary German I
GER F102X	Elementary German II
INU F111X	Elementary Inupiaq I
INU F112X	Elementary Inupiaq II
JPN F101X	Elementary Japanese I
JPN F102X	Elementary Japanese II
LAT F101X	Beginning Latin I
LAT F102X	Beginning Latin II
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 I
YUP F102X	Elementary Central Yup'ik II

Social Sciences **6**

Complete two courses 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	Indigenous 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
ECE F104X	Child Development I: Prenatal, Infants and Toddlers
ECE F107X	Child Development II: The Preschool and Primary Years
ECE F210X	Child Guidance
ECE F229X	Foundations in Nutrition and Physical Wellness
ECON F101X	Principles of Microeconomics
ECON F102X	Principles of Macroeconomics
ECON F111X	The Economy of Rural Alaska
ECON F120X	Introduction to Economic Analysis
ECON F235X	Introduction to Natural Resource Economics
HIST F100X	Modern World History
HIST F102X	Western Civilization Since 1500
HIST F110X	History of Alaska Natives from Contact to the Present
HIST F122X	East Asian Civilization
HIST F132X	History of the U.S. II
HUMS/JUST F125X	Introduction to Addictive Processes
JUST F110X	Introduction to Justice
JUST F251X	Criminology
NRM F111X	Introduction to Sustainability Science
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	
PSY F123X	Sleepless in Alaska: Sleep, Health and You	
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, Gender and Sexuality Studies	
Additional Arts/Humanities/Social Science		3-5
Complete one additional course from the arts, humanities or social science courses listed above.		
Mathematics		3-4
Complete one of the following:		
MATH F113X	Numbers and Society	
MATH F122X	Essential Precalculus with Applications ¹	
MATH F151X	College Algebra for Calculus ¹	
MATH F152X	Trigonometry	
MATH F156X	Precalculus	
MATH F230X	Essential Calculus with Applications ^{2,3}	
MATH F251X	Calculus I ^{2,3}	
MATH F252X	Calculus II ³	
MATH F253X	Calculus III ³	
STAT F200X	Elementary Statistics	
Natural Sciences		16
Complete four of the following: ⁴		
ATM F101X	Weather and Climate of Alaska	
BIOL F100X	Human Biology	
BIOL F103X	Biology and Society	
BIOL F104X/WLF 104X	Natural History of Alaska	
BIOL F111X	Human Anatomy and Physiology I	
BIOL F112X	Human Anatomy and Physiology II	
BIOL F115X	Fundamentals of Biology I	
BIOL F116X	Fundamentals of Biology II	
BIOL F120X	Introduction to Human Nutrition	
BIOL F240X	Beginnings in Microbiology	
CHEM F100X	Chemistry in Complex Systems	
CHEM F103X	Introduction to General Chemistry	
CHEM F104X	Introduction to Organic Chemistry and Biochemistry	
CHEM F105X	General Chemistry I	
CHEM F106X	General Chemistry II	
CHEM F111X	Introduction to Environmental Chemistry of the Arctic	
ENVI F101X	Introduction to Environmental Science	
ES F100X and ES F100L	Engineering Alaska - An Introduction to Engineering and Makerspace Alaska - A Laboratory Introduction to Engineering	
GEOS F101X	The Dynamic Earth	
GEOS F102X	Wicked Maps for Wicked Problems: Geographic Information Systems Across Disciplines	
GEOS F106X	Life in the Age of Dinosaurs	
GEOS F111X	Earth and Environment: Elements of Physical Geography	
GEOS F112X	The History of Earth and Life	
GEOS F120X	Glaciers, Earthquakes and Volcanoes: Past, Present and Future	

MBI/OCN F111X	The Oceans
PHYS F102X	Energy and Society
PHYS F115X	Physical Sciences
PHYS F123X	College Physics I
PHYS F124X	College Physics II
PHYS F165X	Introduction to Astronomy
PHYS F211X	General Physics I
PHYS F212X	General Physics II
PHYS F213X	Elementary Modern Physics

Total Credits **43-48**

¹ Credit may be earned for either MATH F122X or MATH F151X, but not both.

² Credit may be earned for either MATH F230X or MATH F251X, but not both.

³ Or any math course having one of these as a prerequisite.

⁴ Complete a one-year sequence in one natural science beyond the baccalaureate general education requirements. The total courses used to satisfy this requirement shall represent at least two different natural sciences.

A.S. Degree Requirements - 15-19 credits

Code	Title	Credits
Concentration Specialty		15
Complete 15 credits of concentration specialty courses as approved by the department		
Library and Information Research		0-1
Complete one of the following prior to junior standing:		
LS F101X	Library Information and Research	
Successful completion of library skills competency test		
Alaska Native-themed Requirement		3
During the completion of coursework, 3 credits of Alaska Native-themed course(s) must be completed. See Alaska Native-themed courses chart for available courses.		
Complete the Alaska Native-themed requirements. (https://catalog.uaf.edu/bachelors/#alaskanativethemedrequirementtext)		
Total Credits		15-19

Associate Degree Programs