**Arts and Sciences**

School of Education  
907-474-7341  
www.ua.edu/educ/

**B.A.S. Degree**  
Minimum Requirements for Degree: 120 credits

The arts and sciences degree program instructs students in the subject areas encompassed in Alaska teacher content and performance standards: English/language arts, mathematics, science, geography, government and citizenship, history, skills for a healthy life, arts, world languages and technology.

The B.A.S. program is a broad-based major, concentrating on key principles and content knowledge in mathematics and science, the social sciences, humanities and fine arts.

Students in the B.A.S. degree program are advised by the School of Education. B.A.S. majors may choose any approved minor. Students who are interested in being teachers are encouraged to choose the education minor.

**Major — B.A.S. Degree**

1. Complete the general university requirements. (See page 131. As part of the core curriculum requirements, complete the following: ART/MUS/THR F200X*, HIST F100X*, ANTH/SOC F100X*, ENGL/FL F200X*, MATH F107X* or MATH F161X*, COMM F131X* or COMM F141X*, and two different science discipline laboratory courses selected from biology*, chemistry*, physics* and geoscience*. Two years of a non-English language highly recommended.)

2. Complete the following B.A.S. degree major requirements in addition to the core:*  
   a. Complete the following mathematics requirements:  
      MATH F205—Mathematics for Elementary School Teachers I. .................................................3  
      MATH F206—Mathematics for Elementary School Teachers II. ..............................................3  
   b. Complete two additional laboratory courses in the two science disciplines not completed for the baccalaureate core.  
   c. Complete the following social sciences requirements:  
      GEOG F101—Expedition Earth: Introduction to Geography .....................................................3  
      HIST F131—History of the U.S. (3)  
      or HIST F132—History of the U.S. (3) .........................3  
      HIST F461W—History of Alaska ......................................................3  
      PS F101—Introduction to American Government and Politics 3  
   d. Complete the following literature, grammar and writing requirements:  
      ENGL F271—Introduction to Creative Writing — Fiction (3)  
      or ENGL F272—Introduction to Creative Writing — Poetry (3)  
      or ENGL F313W—Writing Non-Fiction Prose (3)  
      or ENGL F314W/O2—Technical Writing (3)  
      or JRN F311W—Magazine Article Writing (3) ...............3  
      ENGL F306—Survey of American Literature: Beginnings to the Civil War (3)  
      or ENGL F307—Survey of American Literature: Civil War to the Present (3)  
      or ENGL F308—Survey of British Literature: Beowulf to the Romantic Period (3)  
      or another literature-focused course (3) .......................3  
      ENGL F317—Traditional English Grammar ..................3  
   e. Complete the following psychology and language development requirements:  
      LING/ED F100 Language, Education and Linguistics (3)  
      or LING F101—Nature of Language (3)  
      or LING F303W—Language Acquisition (3) ..............3  
      PSY F240—Lifespan Developmental Psychology (3)  
      or PSY/ED F245—Child Development (3) .................3  
   f. Complete creative expression course or courses from applied courses in music, theatre, photography or art. ..................3  
   g. Complete the following understanding diversity and culture requirements:  
      ANTH F242—Native Cultures of Alaska ...................3  
      Course selected from a list developed by the review committee  
   h. Complete the following senior seminar requirements:  
      LAS F410W/O2—Scientific Research .....................3  
      ED F486O/2—Media Literacy .................................3  
   i. Complete the following technology requirement:  
      ED F237—Technology Tools for Teachers .................5 – 2  
      This course is divided into four modules. Students have the option to test out of any of the four modules or enroll in and successfully complete for a passing grade any module that has not been successfully challenged.  
   j. Complete the following Praxis test requirement:  
      B.A.S. students will be required to have Alaska passing scores on the Praxis I and the Praxis II (test 0014) prior to completing their last semester. Praxis I assesses reading, writing and math; Praxis II “Elementary Content Knowledge” assesses broad knowledge and background in English/language, arts, math, science and social sciences.  

3. Complete minor complex** ........................................15  
4. Complete electives ..................................................0 – 8  
5. Minimum credits required ........................................120  

* Student must earn a C grade or better in each course.  
** Departmental requirements for minors may exceed this 15 credit minimum.  
See other program descriptions for specific minor requirements.  
Note: For the B.A.S. degree program, at least 39 credits must be taken in upper-division (F300- and F400-level) courses. Courses taken to fulfill the B.A.S. degree can also be counted for content minors or second majors.
All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements.

Baccalaureate Core Requirements

COMMUNICATION (9)
Complete the following:
ENGL F111X ............................................. (3) ___
ENGL F190H may be substituted.
Complete one of the following:
ENGL F211X OR ENGL F213X ....................... (3) ___
Complete one of the following:
COMF F131X OR COMF F141X ....................... (3) ___

PERSPECTIVES ON THE HUMAN CONDITION (18)
Complete all of the following four courses:
ANTH F100X/SOC F100X ............................................ (3) ___
ECON F100X OR PS F100X ................................... (3) ___
HIST F100X......................................................... (3) ___
ENGL/FL F200X ................................................ (3) ___
Complete one of the following three courses:
ART/MUS/THR F200X, HUM F201X OR ANS F202X .... (3) ___
Complete one of the following six courses:
BA F323X, COMM F300X, JUST F300X, NRM F303X,
PS F300X OR PHIL F322X ..................................... (3) ___
OR complete 12 credits from the above courses PLUS
• two semester-length courses in a single Alaska Native language or
other non-English language OR
• three semester-length courses (9 credits) in American Sign
Language taken at the university level.

MATHEMATICS (3)
Complete one of the following:
MATH F103X, MATH F107X, MATH F161X OR
STAT F200X ....................................................... (3 – 4) ___
* No credit may be earned for more than one of MATH F107X or
F161X.
OR complete one of the following:
MATH F200X, MATH F201X, MATH F202X,
MATH F262X OR MATH F272X ......................... (4) ___
* Or any math course having one of these as a prerequisite.

NATURAL SCIENCES (8)
Complete any two (4-credit) courses:
ATM F101X .......................................................... (4) ___
BIOL F100X ......................................................... (4) ___
BIOL F103X ......................................................... (4) ___
BIOL F104X ......................................................... (4) ___
BIOL F111X ......................................................... (4) ___
BIOL F112X ......................................................... (4) ___
BIOL F115X ......................................................... (4) ___
BIOL F116X ......................................................... (4) ___
CHEM F100X ....................................................... (4) ___
CHEM F103X ....................................................... (4) ___
CHEM F104X ....................................................... (4) ___
CHEM F105X ....................................................... (4) ___
CHEM F106X ....................................................... (4) ___
CHEM F107X ....................................................... (4) ___
GEOG F111X ....................................................... (4) ___
GEOS F100X ....................................................... (4) ___
GEOS F101X ....................................................... (4) ___
GEOS F112X ....................................................... (4) ___
GEOS F120X ....................................................... (4) ___
GEOS F121X ....................................................... (4) ___
MSL F111X ......................................................... (4) ___
PHYS F102X ......................................................... (4) ___
PHYS F103X ......................................................... (4) ___
PHYS F104X ......................................................... (4) ___
PHYS F115X ......................................................... (4) ___
PHYS F116X ......................................................... (4) ___
PHYS F117X ......................................................... (4) ___
PHYS F211X ......................................................... (4) ___
PHYS F212X ......................................................... (4) ___
PHYS F213X ......................................................... (4) ___

LIBRARY AND INFORMATION RESEARCH (0 – 1)
Successful completion of library skills competency test OR
LS F100X or F101X prior to junior standing......... (0 – 1) ___

UPPER-DIVISION WRITING AND ORAL COMMUNICATION (0)
Complete the following:
Two writing intensive courses designated (W) .............(0) ___
and one oral communication intensive course
designated (O) ...................................................(0) ___
OR two oral communication intensive courses designated
(O/2), at the upper-division level (see degree and/or major
requirements) ..................................................(0) ___

CORE CREDITS REQUIRED .......................................... 38 – 39
Minimum credits required for degree ....................... 120