

# Arts and Sciences

School of Education  
(907) 474-7341  
www.uaf.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 116. As part of the core curriculum requirements, complete the following: ART/MUS/THR 200X\*, HIST 100X\*, ANTH/SOC 100X\*, ENG/FL 200X\*, MATH 107X\* or MATH 161X\*, COMM 131X\* or COMM 141X\*, 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 205—Mathematics for Elementary School Teachers I..... 3  
MATH 206—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 101—World Regional Geography..... 3  
HIST 131—History of the U.S. (3)  
    or HIST 132—History of the U.S. (3) ..... 3  
HIST 461W—History of Alaska ..... 3  
PS 101—Introduction to American Government and Politics..... 3
  - d. Complete the following literature, grammar and writing requirements:  
ENGL 271—Introduction to Creative Writing—Fiction (3)  
    or ENGL 272—Introduction to Creative Writing—Poetry (3)  
    or ENGL 313W—Writing Non-Fiction Prose (3)  
    or ENGL 314W,O/2—Technical Writing (3)  
    or JRN 311W—Magazine Article Writing (3)..... 3  
ENGL 306—Survey of American Literature: Beginnings to the Civil War (3)  
    or ENGL 307—Survey of American Literature: Civil War to the Present (3)  
    or ENGL 308—Survey of British Literature: Beowulf to the Romantic Period (3)  
    or another literature-focus course (3)..... 3  
ENGL 317—Traditional English Grammar..... 3
  - e. Complete the following psychology and language development requirements:  
LING 100 Language, Education and Linguistics (3)  
    or LING 101—Nature of Language (3)  
    or LING 303W,O—Language Acquisition (3) ..... 3  
PSY 240—Lifespan Developmental Psychology (3)  
    or PSY 245— (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 242—Native Cultures of Alaska ..... 3  
Course selected from a list developed by the review committee..... 3
- h. Complete the following senior seminar requirements:  
LAS 410W,O/2—Scientific Research..... 3  
ED 486O/2—Media Literacy ..... 3
- i. Complete the following technology requirement:  
ED 237—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 (300- and 400-level) courses. Courses taken to fulfill the B.A.S. degree can also be counted for content minors or second majors.

## Baccalaureate Core Requirements

All degrees (e.g. B.A., B.S., etc.) require additional courses.  
Refer to specific degree and program requirements.

### COMMUNICATION (9)

Complete the following:

ENGL 111X ..... (3) \_\_\_\_\_  
*ENGL 190H may be substituted.*

Complete one of the following:

ENGL 211X OR ENGL 213X ..... (3) \_\_\_\_\_

Complete one of the following:

COMM 131X OR COMM 141X ..... (3) \_\_\_\_\_

### PERSPECTIVES ON THE HUMAN CONDITION (18)

Complete all of the following four courses:

ANTH 100X/SOC 100X ..... (3) \_\_\_\_\_  
ECON 100X OR PS 100X ..... (3) \_\_\_\_\_  
HIST 100X ..... (3) \_\_\_\_\_  
ENGL/FL 200X ..... (3) \_\_\_\_\_

Complete one of the following three courses:

ART/MUS/THR 200X, HUM 201X OR ANS 202X ..... (3) \_\_\_\_\_

Complete one of the following six courses:

BA 323X, COMM 300X, JUST 300X, NRM 303X,  
PS 300X OR PHIL 322X ..... (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 103X, MATH 107X, MATH 161X OR STAT 200X ..... (3-4) \_\_\_\_\_  
*\* No credit may be earned for more than one of MATH 107X or 161X.*

**OR complete one of the following:\***

MATH 200X, MATH 201X, MATH 202X,  
MATH 262X OR MATH 272X ..... (4) \_\_\_\_\_

*\*Or any math course having one of these as a prerequisite*

### NATURAL SCIENCES (8)

Complete any two (4-credit) courses:

ATM 101X ..... (4) \_\_\_\_\_  
BIOL 100X ..... (4) \_\_\_\_\_  
BIOL 103X ..... (4) \_\_\_\_\_  
BIOL 104X ..... (4) \_\_\_\_\_  
BIOL 105X ..... (4) \_\_\_\_\_  
BIOL 106X ..... (4) \_\_\_\_\_  
BIOL 111X ..... (4) \_\_\_\_\_  
BIOL 112X ..... (4) \_\_\_\_\_  
CHEM 100X ..... (4) \_\_\_\_\_  
CHEM 103X ..... (4) \_\_\_\_\_  
CHEM 104X ..... (4) \_\_\_\_\_  
CHEM 105X ..... (4) \_\_\_\_\_  
CHEM 106X ..... (4) \_\_\_\_\_  
GEOG 205X ..... (4) \_\_\_\_\_  
GEOS 100X ..... (4) \_\_\_\_\_  
GEOS 101X ..... (4) \_\_\_\_\_  
GEOS 112X ..... (4) \_\_\_\_\_  
GEOS 120X ..... (4) \_\_\_\_\_  
GEOS 125X ..... (4) \_\_\_\_\_  
MSL 111X ..... (4) \_\_\_\_\_  
PHYS 102X ..... (4) \_\_\_\_\_  
PHYS 103X ..... (4) \_\_\_\_\_  
PHYS 104X ..... (4) \_\_\_\_\_  
PHYS 115X ..... (4) \_\_\_\_\_  
PHYS 116X ..... (4) \_\_\_\_\_  
PHYS 175X ..... (4) \_\_\_\_\_  
PHYS 211X ..... (4) \_\_\_\_\_  
PHYS 212X ..... (4) \_\_\_\_\_  
PHYS 213X ..... (4) \_\_\_\_\_

### LIBRARY AND INFORMATION RESEARCH (0-1)

Successful completion of library skills competency test **OR**

LS 100X or 101X prior to junior standing ..... (0-1) \_\_\_\_\_

### UPPER-DIVISION WRITING AND ORAL COMMUNICATION (0)

Complete the following:

Two writing intensive courses designated (W) ..... (0) \_\_\_\_\_  
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) \_\_\_\_\_

**TOTAL CREDITS REQUIRED** ..... **38-39**