

# 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 131. As part of the core curriculum requirements, complete the following: ART/MUS/THR F200X\*, HIST F100X\*, ANTH/SOC F100X\*, ENG/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/O/2—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/O—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 committee3
- h. Complete the following senior seminar requirements:  
LAS F410W/O/2—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:

COMM F131X **OR** COMM 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) \_\_\_\_\_  
 GEOG F111X .....(4) \_\_\_\_\_  
 GEOS F100X .....(4) \_\_\_\_\_  
 GEOS F101X .....(4) \_\_\_\_\_  
 GEOS F112X .....(4) \_\_\_\_\_  
 GEOS F120X .....(4) \_\_\_\_\_  
 GEOS F125X .....(4) \_\_\_\_\_  
 MSL F111X .....(4) \_\_\_\_\_  
 PHYS F102X .....(4) \_\_\_\_\_  
 PHYS F103X .....(4) \_\_\_\_\_  
 PHYS F104X .....(4) \_\_\_\_\_  
 PHYS F115X .....(4) \_\_\_\_\_  
 PHYS F116X .....(4) \_\_\_\_\_  
 PHYS F175X .....(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**



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