

Education

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

B.A., M.Ed. Degree and Post-baccalaureate Licensures

Minimum Requirements for Degree: 130 credits;
Post-baccalaureate secondary licensure: 30 credits;
Music K – 12 licensure: 33 credits (Contact the music department at 907-474-7555 or see page 154.)
Art K – 12 licensure: 33 credits

The University of Alaska Fairbanks is in full compliance with the institutional reporting requirements mandated in Title II of the Higher Education Act Amendments of 1998. Please contact the School of Education for a copy of the completed report.

UAF serves students from all of Alaska as well as from other states and nations. It is particularly committed to enhancing educational opportunities for the state's rural and Native populations. UAF education programs prepare educators to work in urban and rural Alaska and to work with multicultural and minority — especially Alaska Native — students.

Through its rural campuses, the university is responsive to local and regional needs, including open educational access to its programs. Special strengths exist in the use of educational technology which provides distance delivery of selected programs to many areas of the state.

The School of Education offers two degrees: a bachelor of arts in elementary education and a master of education. The school also offers post-baccalaureate course work and internship experiences preparing candidates for Alaska state licensures in teaching.

The UAF School of Education is approved by the Alaska Department of Education and Early Development to recommend its students for Alaska licensure as elementary and secondary teachers and school counselors. Education programs are offered and faculty are located on the Fairbanks campus and at the branch campus centers, in keeping with the university's commitment to preparing educators for rural Alaska. Courses are available on-site and by distance delivery through the Kuskokwim (Bethel), Bristol Bay (Dillingham and Naknek), Interior-Aleutians (Unalaska and rural education centers throughout the Interior), Chukchi (Kotzebue), and Northwest (Nome) campuses, as well as on the Fairbanks campus. Faculty research in cross-cultural studies, curriculum and instruction, language and literacy, and small rural schools supports the mission of the School of Education.

Priority for enrollment in field-based courses is given to rural students formally admitted to degree and licensure programs. All inquiries should be addressed to one of the rural campuses or to the School of Education's Student Services Office.

Candidates for elementary and secondary licensures are required to have use of/own a laptop computer. This computer may be of any type but must have capacities that enable the candidate to meet School of Education requirements. Candidates enrolled in School of Education courses at any level (with the exception of 500 level professional development courses) are eligible to purchase a laptop computer through the School of Education. Laptop requirements and purchase information can be viewed by accessing the "Technology Requirement" link at the website of the School of Education, www.uaf.edu/educ/. If you have questions about how a laptop purchase will fit in with your current financial aid package, please contact the UAF Financial Aid Office.

Licensure Information

UAF education programs are approved by the Alaska State Board of Education and accredited by the National Council for the Accreditation of Teacher Education. For information about these programs, contact the Student Services Office in the UAF School of Education.

Certification is awarded by the Alaska Department of Education and Early Development in Juneau. Therefore, students must meet all requirements specified by AK-DOEED at the time of their application for the teaching certificate. In addition to completing an approved teacher training program, the state of Alaska requires that all initial applicants provide evidence of passing Alaska qualifying scores on the Praxis I, Academic Skills Assessment including the Pre-Professional Skills Test (PPST), and/or the Computer-Based Academic Skills Assessment (CBT). For additional information, see the Alaska State Department of Education and Early Development web site.

B.A. Degree, Elementary Education

Students in the bachelor of arts in elementary education degree program are assessed relative to national and state standards, including National Council for Accreditation of Teacher Education standards, the Alaska Teacher Standards, the Alaska Student Content Standards and the Alaska Standards for Culturally Responsive Schools. Course work provides students on the Fairbanks campus and in remote sites with the experience necessary to be eligible for an elementary teacher license. The integrated major/minor degree requirements are designed to prepare students to meet standards that recognize, respect and build upon Alaska's cultural, linguistic and geographic factors.

The interdisciplinary degree requirements provide breadth in the content areas necessary for successful teaching at an elementary level. They provide depth in the opportunities to connect theory and practice in real classroom, school, and community contexts. Students completing this degree benefit from collaborative efforts with academic departments across campus and from School of Education partnerships with a wide range of Alaska's rural and urban schools and districts.

The degree has four central components: (1) subject area course work in the designated UAF core requirements; (2) additional subject area course work in those areas important for successful teaching at an elementary level; (3) an integrated set of education courses and field-work in schools and the community to provide the foundation for a successful professional internship year; and (4) a capstone year-long school internship with a mentor teacher, with concurrent enrollment in professional course work that focuses on the integration and application of theory, research and practice in real school environments. Students follow the calendar of the school or district in which they complete their internship. Candidates serving internships are charged a \$150 fee per semester.

Degree and program requirements include multiple types of on-going assessments throughout the programs. There is a strong emphasis on performance assessment and portfolio development and evaluation relative to national and state standards.

Transition/Admission Requirements

B.A. in elementary education students should enroll in the School of Education's recommended sequence of core and major course requirements during their first two years. By following the sequence recommended in Transition One (see School of Education website), students will be knowledgeable about their status relative to their progress toward meeting the criteria for admission to the professional internship year. To make certain that students will be able to receive the support necessary to prepare for the internship year, all B.A. in Elementary Education students are required to submit Praxis I scores (passing scores are not required until applying to the internship year) to the School of Education prior to enrolling in EDSE F482, and Praxis II (test 0014) test scores must be submitted with the Intern Year Admission packet. Prior to enrollment in professional-year courses and prior to receiving an internship placement in a classroom, all students must submit the materials listed below and meet admission requirements as described in Transition Two. **Declaring a B.A. major in elementary education does not guarantee admission to the professional internship year.**

Internships begin in August or September on the date when teachers return to school (this varies across districts). Since internship placements are arranged with principals and mentor teachers in the spring, all materials necessary for determining admission to the School of Education must be submitted by Feb. 1. Faculty in the School of Education consider multiple criteria in making valid and reliable judgments about each applicant's knowledge, skills, and professional characteristics prior to approval for the year-long internship in a classroom with elementary children.

Students must submit the following information to the School of Education by Feb. 1:

1. Copies of transcripts from all institutions attended.
2. Evidence of plan of completion of all B.A. degree in elementary education degree courses by August 1st (except for those required in the Professional Internship Year), with a minimum of a 2.75 overall GPA, a 2.0 in each major academic area, and a C or better in the UAF Core communication courses and in all required education and math courses. Students with less than a 2.75 overall GPA may be considered for conditional admission in special circumstances.
3. Alaska Passing scores from the Praxis I exams in reading, writing and math.
4. Score from Praxis II exam (test 0014). Achieving Alaska passing score is not required.
5. Two letters of reference that address qualifications and potential as a teacher.
6. A current and complete resume/curriculum vitae.
7. Two one-page essays on topics determined by the School of Education.
8. Completed Elementary Teacher Education Academic Analysis and Life Experiences/Work Form and the Life Experiences Form to provide information on breadth and depth of prior course work and/or documented life experiences relative to ten Alaska Student Content Standard areas.
9. A one-to-two-page autobiographical sketch (appropriate for presenting to prospective principals and mentor teachers).
10. Extemporaneous writing sample. Contact the School of Education advising office for date, time and location information.
11. Evidence of successful experiences in teaching and learning situations.
12. Evidence of ability to work collaboratively and respectfully in cross-cultural contexts.

13. Completed Alaska Student Teacher Authorization Packet (including fingerprint cards and criminal background check. Forms are available from the School of Education).
14. Complete an interview, when requested.
15. Some school districts may require interns to pass a general physical exam and require additional shot records.
Note: Students are admitted for a specific academic year and must reapply if they do not enroll in the year in which they were reviewed.

Major — B.A. Degree

1. Complete the general university requirements. (See page 124. As part of the core curriculum requirements, complete the following*: ANTH/SOC F100X, HIST F100X, PS F100X, MATH F107X* or MATH F161X*, ART/MUS/THR F200X, BIOL F100X or BIOL F104X, CHEM F100X or PHYS F115X**. Students who choose the language option to meet core perspectives on the human condition requirements can submit their language credits only for the ENGL/FL F200X and the core ethics requirements.)
2. Complete the following B.A. degree and program (major) requirements:
 - a. Complete the following mathematics requirements: *
MATH F205—Mathematics for Elementary School Teachers I3
MATH F206—Mathematics for Elementary School Teachers II.....3
 - b. Complete one of the following:
GEOS F100X—Introduction to Earth Science4
GEOS F101X—The Dynamic Earth4
GEOS F120X—Glaciers, Earthquakes and Volcanoes: Past, Present and Future4
PHYS F116X—Physical Science II **4
 - c. Complete the following social sciences requirements:
ANTH F242—Native Cultures of Alaska.....3
ED/PSY F245—Child Development3
GEOG F101—Introductory Geography (3)
or GEOG F203—World Economic Geography (3)3
HIST F131—History of the U.S.3
HIST F461W—History of Alaska (3)
or HIST F115—Alaska, Land and Its People (3)3
PSY F101—Introduction to Psychology3
 - d. Complete the following humanities requirements:
ENGL F271—Introduction to Creative Writing — Fiction (3)
or ENGL F272—Introduction to Creative Writing — Poetry (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 Present (3)
or ENGL F308—Survey of British Literature: Beowulf to the Romantic Period (3)
or ENGL F309—Survey of British Literature: Romantic Period to the Present (3)
or complete another literature-focus course (3).....3
ED F486O/2—Media Literacy (3)
or JRN F308—Film and TV Criticism3
 - e. ED/LING F100—Language, Linguistics and Education (3)
or LING F101—Nature of Language (3)
or LING F303W,O—Language Acquisition (3)3
 - f. ED F329—Teaching with Technology3

- g. Complete the following education requirements:*
- ED F110—Becoming a Teacher in the 21st Century1
 - ED F201—Introduction to Education3
 - ED F204—Literature for Children3
 - ED F330—Assessment of Learning3
 - ED F350—Communication in Cross-Cultural Classrooms (3)
or ED/ANS F420—Alaska Native Education (3)
or ED/ANS F461—Native Ways of Knowing (3).....3
 - ED F344W—Foundations of Literacy Development.....3
 - EDSE F422—Curriculum and Strategies II: High Incidence.....3
 - EDSE F482—Inclusive Classrooms for All Children3
- h. Complete the following professional internship year with integrated course work (first semester):
- ED F411—Reading, Writing, Language Arts: Methods and Curriculum Development.....3
 - ED F412W—Integrated Social Studies and Language Arts: Methods and Curriculum Development.....3
 - ED F466—Internship and Collaborative Student Teaching3
 - ED F467—Synthesizing the Standards I.....1
 - ED F478—Math Methods and Curriculum Development2
 - ED F479—Science Methods and Curriculum Development.....2
- i. Complete the following professional internship year with integrated course work (second semester):
- ED F414—Art, Music and Drama in Elementary Classrooms...2
 - ED F415—Physical and Health Education for Elementary Teachers2
 - ED F468O—Internship and Student Teaching.....6
 - ED F469—Synthesizing the Standards II2
3. Minimum credits required130
- * Student must earn a C grade or better in each core communications, mathematics and education course.
- ** If PHYS F115X is completed for the core, a student cannot take PHYS F116X to fulfill the science requirement in the major.

Minor — Education

Education — General

The General Education minor is designed for any student interested in education issues who does not intend to pursue a license in elementary or secondary education.

1. Complete the following:*
 - ED F110—Becoming a Teacher in the 21st Century1
 - ED F201—Introduction to Education3
 - ED F350—Communication in Cross-Cultural Classrooms (3)
or ANS/ED F420—Alaska Native Education (3)3
 - PSY F240—Lifespan Developmental Psychology (3)
or ED/PSY F245—Child Development (3)3
 - Approved education electives**6 2. Minimum credits required16
- * Practicum may be required in each education course.
- ** Contact the School of Education's Student Services Office for list of approved elective courses.

Education Minor — Elementary*

The elementary education minor is designed for students who intend to pursue a license in elementary education. Students who complete ED F110, F201, F330, F344 and EDSE F482 with grades of C or better will be allowed to substitute this sequence for ED F624, F625 and F626 in the post-baccalaureate elementary licensure program available on the UAF campus.

1. Complete the following:
 - ED F110—Becoming a Teacher in the 21st Century1
 - ED F201—Introduction to Education3
 - ED F204—Literature for Children.....3
 - ED F330—Assessment of Learning3
 - ED F344—Foundations of Literacy Development.....3
 - ED F350—Communication in Cross-Cultural Classrooms (3)
or ANS/ED F420—Alaska Native Education (3)3
 - EDSE F482—Inclusive Classrooms for All Children.....3
 2. Minimum credits required19
- * Practicum may be required in each education course.

Education Minor — Secondary*

The secondary education minor is designed for students who are interested in pursuing careers as secondary education teachers. Students must complete all course work with grades of C (2.0) or better. Completion of EDSC F205 will meet the EDSC F415 requirement in the Secondary Licensure program requirement. Completion of EDSE F482 will meet the EDSC F414 requirement in the Secondary Licensure Program requirement.

1. Complete the following:
 - PSY F240—Lifespan Development Psychology3
 - EDSC F205—Introduction to Secondary Education (3)
or EDSC F415—Foundations of Modern Educational Practice (3)3
 - EDSC F458—Classroom Organization and Management3
 - EDSC F407—Developing Literacy in the Content Areas3
 - EDSC F482—Inclusive Classrooms for All Children (3)
or EDSC F414—Learning, Development and Special Needs Instruction (3).....3
 2. Minimum credits required15
- * Practicum may be required in each education course.

Secondary Post-Baccalaureate Licensure Program

Program delivery is offered in Fairbanks and in areas served by the College of Rural and Community Development (CRCDD) campuses and their service areas with the exception of the Aleutian-Pribilof Center.

This is an intensive, classroom-based secondary licensure program (30 credits) that prepares post-baccalaureate candidates for secondary (grades 7 – 12) teaching positions. The program is specifically designed to prepare candidates to teach in multicultural settings in Alaska. Content that addresses multicultural issues in general, and Alaska rural issues in particular, is contained specifically in EDSC F457— Multicultural Education and School-Community Relations, and is a fundamental component of the course work within the program. When funding is available, all secondary Fairbanks candidates participate in a rural practicum. The program is accredited by NCATE standards until 2009.

Student outcomes for the program are based on the Standards for Alaska's Teachers located at: <http://www.eed.state.ak.us/standards/pdf/teacher.pdf>.

At the end of the program, if students have successfully met all of the program requirements, they will be eligible to apply for an Alaska initial teaching license and will receive certificates of completion from UAF.

Candidates who enter the Secondary Post-Baccalaureate Licensure program are required to have use of/own a laptop computer before they begin their internships in the fall semester of their professional year.

Program Options

Fast Track Option

The Fast Track Option is an intensive three-semester program that allows candidates (one year unpaid interns) to complete the secondary licensure program as full-time students in 12 months. Candidates take classes “summer-fall-spring.” The academic year-long internship is completed during the fall and spring semesters.

Two-Year Option

The Two-Year Option allows candidates (two year unpaid interns) to complete the secondary post-baccalaureate licensure program as part-time students over a period of 18 – 24 months. The last semester of the program requires full-time placement at a public school site.

Teaching While Training Option

The Teaching While Training Option is for candidates (teacher interns) who have secured a teaching position with an Alaskan School District. Generally, this option is available only to those candidates in areas of teacher shortage. Candidates complete the secondary post-baccalaureate licensure program over a period of 24 months.

Admissions Process and Requirements

Admission to the undergraduate secondary post-baccalaureate licensure program includes meeting requirements of the undergraduate admission process of the School of Education. Students take their courses at the undergraduate (400) level and will NOT be able to apply these courses towards a master of education degree.

Submit the following information to the UAF Office of Admissions:

1. UAF undergraduate application and application fee.
2. Official transcript of bachelor's degree from accredited institution, minimum GPA of 2.75. Applicants who have attended more than one university should include transcripts from all universities. Submit the following information to the School of Education:
 1. Passing scores from the Alaska Praxis I exam in reading, writing and mathematics.
 2. Academic Analysis (contact the School of Education for examples.)
 3. Three current letters of reference that address qualifications and potential as a teacher.
 4. A personal statement of 500 – 800 words explaining your motivation for becoming a teacher. Describe how your academic qualifications and work experiences have prepared you for a career in teaching. Elaborate on your personal strengths, including your ability to work collaboratively with others. Describe your experiences with adolescents in instructional and supervisory capacities. Explain why you believe you can help young people of all cultures be successful in school.
 5. Extemporaneous writing sample. Contact the School of Education Advising Office for date, time and location information.
 6. Demonstrated evidence of technology competence. Shown by successful completion of ED F237—Technology Tools, or by passing the School of Education's computer technology competency test. Applicants who have not met this requirement by the beginning of the summer program course work will be required to complete ED F237 during the summer program.
 7. Demonstrated evidence of content competency in one of the UAF approved secondary endorsement areas (www.uaf.edu/educ/).
 - a. All candidates must submit scores from the relevant content knowledge Praxis II test. Scores must meet the scores set by the State of Alaska for “highly qualified”. (<http://www.eed.state.ak.us/TeacherCertification/hq.html>).
 - b. In addition, candidates must demonstrate evidence of content area preparation in the teaching area for which the candidate is seeking endorsement. Specialized Professional Associations have prepared lists of courses, completion of which demonstrates competencies. Courses that comprise these lists may or may not constitute a content major. The Secondary Post-Baccalaureate Licensure Program recognizes completion of these course lists as demonstrations of competency. Candidates who do **not** hold degrees in academic content areas that they expect to teach, must have documentation of content competency reviewed by a Secondary Program faculty review team.
 - c. The Department of Education and Early Development will, upon request, add additional endorsement areas based on an 18 credit minor posted on an interns' transcript.
 8. Applicants must submit a placement packet. Contact the School of Education for specific guidelines. The School of Education determines placement approval, change or termination.

Application Review Process

Applications are due March 1 and are reviewed thereafter for admission into the summer semester. Applications of outstanding candidates may be considered through spring semester. A candidate may be admitted, not admitted, or admitted with stipulations. Stipulations are specified when additional development in a particular area(s) is needed before beginning a secondary post-baccalaureate program.

The UAF School of Education coordinates with appropriate academic departments the review and evaluation of the candidate's qualifications, professional experiences and academic performance based on the contents of his/her application. The secondary post-baccalaureate program is a selective teacher education program. A comprehensive system including multiple measures is used to assess personal characteristics, communication skills and basic skills of candidates preparing to teach. Multiple assessment measures include a review of transcripts, content area strengths and/or Praxis II scores, personal statement and/or writing proficiency exams, Praxis I scores and letters of reference. A personal interview will be required as part of the admission process.

Upon Acceptance to the Program

The School of Education has a systematic procedure for monitoring the progress of education students from admission through completion of their professional education program to determine if they should continue the program, be advanced to the secondary teaching internship and eventually be recommended for a teaching license. In assessing candidate progress in knowledge, skills and disposition, faculty will review grades, observations, faculty recommendations, demonstrated academic competence and recommendations from the appropriate professionals in the schools. Systematic approaches are used to assist education candidates who are making unsatisfactory progress in their programs, but still maintain potential for successful completion.

Following are specific criteria for entry to the secondary teaching internship:

- successful completion of summer program courses;
- approval of faculty to enter the Secondary Education Internship;
- some school districts may require candidates to pass a general physical exam and require additional shot records; and
- State Alaska Certificate of Authorization, fingerprint cards and money order in the amount of \$66 payable to the School of Education by June 1st (this fee is non-refundable once submitted to the state of Alaska). UAF School of Education provides these materials which will then be submitted to the state of Alaska for a criminal background check. Fees are subject to change.

Professional Field Experiences

The Secondary Post-Baccalaureate Licensure Program includes a comprehensive internship experience in an educational setting. Internship placements are arranged and supervised by university faculty in partnership with the principal and staff from the public school. University course work and classroom practice are closely linked and communication about performance in both the course work and classroom practice is shared among the partners. Internships follow the K – 12 school year calendar and not the university academic year calendar.

Performance in the internship must meet stated competencies and individual outcomes. Performance evaluations determine the candidate's progress toward meeting the State of Alaska Standards for Alaska's Teacher and the International Society for Technology in Education's National Education Technology Standards and Performance Indicators for All Teachers and performance guidelines of Specialty Performance Organizations.

It is expected that candidates will demonstrate appropriate professional characteristics with respect to their actions, attitudes and performance. Teacher candidates are required to adhere to the characteristics of professionalism as published in the Secondary Post-Baccalaureate Licensure Handbook, and to abide by the State of Alaska Code of Ethics of the Education Profession. Unacceptable academic performance, an unprofessional attitude, unsatisfactory field reports, violation of professional ethics, or other factors that may result in removal from the field experience and denial of the Institutional Recommendation for teacher certification.

Internship placements are made in partnership with participating school districts, which may request additional information and/or preparation from candidates according to the district's established policies and practices. Because cooperating districts also determine the number of placements available for candidates, placement may become competitive if the number of applicants exceeds the number of spaces. Districts also reserve the right to refuse or terminate placements when candidates do not meet a minimum standard of performance. Thus, while the University will make every effort to identify appropriate field experiences, admission to the Secondary Post-Baccalaureate Licensure program does not guarantee and internship placement.

Program Requirements

1. Complete the following for secondary licensure:
 - EDSC F402—Methods of Teaching in the Secondary School...3
 - EDSC F407—Reading Strategies for Secondary Teachers3
 - EDSC F414—Learning, Development and Special Needs Instruction3
 - EDSC F415—Foundations of Modern Educational Practices (3) or EDSC F205—Introduction to Secondary Education (3)
 - EDSC F431—Secondary Instruction and Assessment in the Content Area (3)*
 - or EDSC F432—English/Language Arts Secondary Instruction and Assessment (3)*
 - or EDSC F433—Mathematics Secondary Instruction and Assessment (3)*
 - or EDSC F434—Science Secondary Instruction and Assessment (3)*
 - or EDSC F435—Social Studies Secondary Instruction and Assessment (3)*
 - or EDSC F436—Art Secondary Instruction and Assessment (3)3*
 - or EDSC F437—World Language Secondary Instruction and Assessment (3)
 - EDSC F442—Portfolio Preparation: Integrating Theory and Practice2
 - EDSC F457—Multicultural Education and School-Community Relations4
 - EDSC F458—Classroom Organization and Management3
 - EDSC F471—Secondary Teaching: School Internship I and Seminar3
 - EDSC F472—Secondary Teaching: School Internship II and Seminar3
 2. Minimum credits required30
- * Candidates must take the section or course that corresponds with their major teaching content areas.

K – 12 Art Endorsement

Offered on the Fairbanks campus only, this is an intensive, classroom-based K – 12 art licensure program (33 credits) that prepares post-baccalaureate candidates for K – 12 teaching positions. The program is specifically designed to prepare candidates to teach in multicultural settings in Alaska. The content will specifically identify and discuss current issues of art education and applying Alaska Content/Performance Standards and Frameworks as well as National Standards for Art Education.

At the end of the program, if students have successfully met all of the program requirements, they will be eligible to apply for an Alaska initial teaching license and will receive certificates of completion from UAF.

Candidates who enter the K – 12 Art Licensure program are required to have use of/own a laptop computer before they begin their internships in the fall semester of their professional year.

For program options and professional field experiences information, please see information listed in the catalog (page 150) for the secondary post-baccalaureate licensure program.

Admission Process and Requirements

Applicants will follow the admission process and requirements listed in the catalog (page 150) for the Secondary Post-Baccalaureate Licensure Program, with the exception that applicants must have a bachelor's degree in art from an accredited university or college. Applicants should be aware that additional content course work may be required, depending on content of degree. Additional course work, as determined by the appropriate departments, may mean a delay of program admission until requirements are fulfilled.

Program Requirements

1. Complete the following:
 - a. Summer:
 - EDSC F415—Foundations of Modern Educational Practices ...3
 - EDSC F414—Learning, Development and Special Needs Instruction3
 - PSY F240—Lifespan Development (3) or (preferred) PSY F245—Child Development (3).....3
 - b. Fall:
 - EDSC F402—Methods of Teaching in the Secondary School...3
 - EDSC F436—Secondary Art Instruction and Assessment.....3
 - ED F453/ART F459—Secondary Internship3
 - EDSC F458—Classroom Organization and Management3
 - c. Spring:
 - ED F449—Elementary Art Methods.....3
 - ED F452/ART F458—Elementary Internship.....3
 - EDSC F457—Multicultural Education and School-Community Relations.....4
 - EDSC F442—Portfolio Development2
2. Minimum credits required33

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 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 F205X (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) _____
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