TECHNOLOGY
Office of Interdisciplinary Programs
907-474-7716

**BT Degree**
Minimum Requirements for Degree: 120 credits

This program offers qualified applicants the opportunity to expand upon their vocational/technical education.

The interdisciplinary studies BT degree allows exceptional students to tailor a bachelor’s degree program to their unique needs. Information and advising for this degree is through the Office of the Graduate School and Interdisciplinary Programs.

**Major — BT Degree**

1. Complete the general university requirements (page 131).
2. Complete the following BT degree requirements.
   - ENGL F314W/O/2—Technical Writing .................................................3
   - MATH/CS/STAT elective at the F100-level ........................................3
   - Titch F301—Technology and Society ..................................................3
   - Computer competency.............................................................................3
   - Specialty Electives ................................................................................7
     (Advisor-approved upper-division internship or advanced technical experience.)
3. Complete 30 credits of interdisciplinary studies approved by a faculty committee.*
4. Complete 30 credits at UAF (either completed in residence or accepted by transfer as equivalent to specific UAF courses) from one of the following areas of specialization:
   a. An associate of applied science degree from an accredited institution of higher education. In general, the name of the degree shall be bachelor of technology.
   b. Substitute one of the following qualifications in an applied or technical field with the approval of the Curricular Affairs Committee of the Faculty Senate:
      - AAS or similar degree earned at a non-accredited institution, deemed appropriate by the faculty.
      - State or federal certification deemed appropriate by the faculty.
      - Journeyman status in trades and industry, deemed appropriate by the faculty.
5. Minimum credits required ........................................................................120

* Students must earn a C- grade or better in each course.

Note: At least 39 credits must be F300-level or above.

See Interdisciplinary Studies.
### Baccalaureate Core Requirements

**Communication ................................. 9 Credits**
- ENGL F111X—Introduction to Academic Writing.................................................(3)
- ENGL F190H may be substituted.

Complete one of the following:
- ENGL F211X—Academic Writing about Literature...........................................(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences .......(3)

Complete one of the following:
- COMM F131X—Fundamentals of Oral Communication: Group Context .......(3)

**Perspectives on the Human Condition ....... 18 Credits**

Complete all of the following four courses:
- ANTH F100X/SOC F100X—Individual, Society and Culture ..................................(3)
- ECON F100X or PS F100X—Political Economy ..................................................(3)
- HIST F100X—Modern World History ................................................................(3)
- ENGL/FL F200X—World Literature .....................................................................(3)

Complete one of the following three courses:
- ART/MUS/THTR F200X—Aesthetic Appreciation: Interrelationships of Art, Drama and Music .................................................................(3)
- HUM F201X—Unity in the Arts ...........................................................................(3)
- ANS F202X—Aesthetic Appreciation of Alaskan Native Performance ..........(3)

Complete one of the following six courses:
- BA F323X—Business Ethics .................................................................................(3)
- COMM F300X—Communicating Ethics ...............................................................(3)
- JUST F300X—Ethics and Justice ...........................................................................(3)
- NRM F303X—Environmental Ethics and Actions .............................................(3)
- PS F300X—Ethics and Society .............................................................................(3)
- PHIL F322X—Ethics .........................................................................................(3)

Or complete 12 credits from the above courses plus one of the following:
- Two semester-length courses in a single Alaska Native language or other non-English language.
- Three-semester-length courses (9 credits) in American Sign Language taken at the university level.

**Mathematics ................................................. 3 Credits**

Complete one of the following:
- MATH F103X—Concepts and Contemporary Applications of Mathematics ...........................................................(3)
- MATH F107X—Functions for Calculus* .................................................................(4)
- MATH F161X—Algebra for Business and Economics** .....................................(3)
- STAT F200X—Elementary Probability and Statistics .......................................(3)

* No credit may be earned for more than one of MATH F107X or F161X.

Or complete one of the following:
- MATH F200X—Calculus I* ..................................................................................(4)
- MATH F201X—Calculus II .................................................................................(4)
- MATH F202X—Calculus III ...............................................................................(4)
- MATH F262X—Calculus for Business and Economics .....................................(4)
- MATH F272X—Calculus for Life Sciences .......................................................(4)

* Or any math course having one of these as a prerequisite
** No credit may be earned for more than one of MATH F200X, F262X or F272.

### Natural Sciences ................................. 8 Credits

Complete any two (4-credit) courses.
- ATM F101X—Weather and Climate of Alaska ......................................................(4)
- BIOL F100X—Human Biology ..........................................................................(4)
- BIOL F101X—Biological Sex ............................................................................(4)
- BIOL F103X—Biological and Society .................................................................(4)
- BIOL F104X—Natural History ...........................................................................(4)
- BIOL F115X—Fundamentals of Biology I ............................................................(4)
- BIOL F116X—Fundamentals of Biology II ...........................................................(4)
- BIOL F20X—Introduction to Human Nutrition ..................................................(4)
- BIOL F211X—Human Anatomy and Physiology I ...........................................(4)
- BIOL F214X—Human Anatomy and Physiology II ...........................................(4)
- CHEM F100X—Chemistry in Complex Systems ..................................................(4)
- CHEM F103X—Basic General Chemistry ...........................................................(4)
- CHEM F104X—Beginnings in Biochemistry .......................................................(4)
- CHEM F105X—General Chemistry ..................................................................(4)
- CHEM F106X—General Chemistry ................................................................(4)
- GEOG F111X—Earth and Environment: Elements of Physical Geography ......(4)
- GEOS F100X—Introduction to Earth Science ...................................................(4)
- GEOS F101X—The Dynamic Earth ................................................................(4)
- GEOS F106X—Life and the Age of Dinosaurs ....................................................(4)
- GEOS F112X—History of Earth and Life .............................................................(4)
- GEOS F120X—Glaciers, Earthquakes and Volcanoes ....................................(4)
- GEOS F125X—Humans, Earth and Environment ............................................(4)
- MSL F111X—The Oceans ..................................................................................(4)
- PHYS F102X—Energy and Society .................................................................(4)
- PHYS F103X—College Physics ..........................................................................(4)
- PHYS F104X—College Physics ..........................................................................(4)
- PHYS F115X—Physical Science I .....................................................................(4)
- PHYS F175X—Astronomy ................................................................................(4)
- PHYS F211X—General Physics ........................................................................(4)
- PHYS F212X—General Physics ........................................................................(4)
- PHYS F213X—Elementary Modern Physics ....................................................(4)

### Library and Information Research .............. 0 – 1 Credit

Successful completion of library skills competency test or LS F100X or LS F101X prior to junior standing

0 – 1

### Upper-Division Writing and Oral Communication

Complete the following at the upper-division level:
- Two writing intensive courses designated (W) and one oral communication intensive course designated (O), or two oral communication intensive courses designated (O/2) (see degree and/or major requirements)

Total credits required 38 – 39

All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements. Students must earn a C- grade or better in each course used toward the baccalaureate core.