### General Requirements

**Communications:** 9 credits
- English 111X (3)
- English 211X or 213X (3)
- Communication 131X or 141X (3)

**Perspectives on the Human Condition:** 18-22 credits
- Complete the 6 courses listed or 4 of those listed

**Natural Science:** 8 credits
- Physics 103X (4) & Physics 104X (4)
- Physics 211X (4) & Physics 212X (4)

**Mathematics:** 15 credits
- Mathematics 200X (4)
- Mathematics 202X (4)
- Mathematics 201X (4)
- Statistics 300 (3)

**Library & Info Skills:** 0-1 credits
- LS competency test

**Complete 2 Designated (W) Courses and 1 Designated (O) Course or 2 Courses Designated (O/2) at the Upper Division Level:**

**Upper Division Credits:** 39 credits
- Transfer Credits
- UAF Credits (24)*

**Electives (for a total of 130 credits):**

*Designates only grades of "C" or better may be used to fulfill this requirement.

**Major Requirements**

Complete the following:- (49)

- Chemistry 105X (4)
- Chemistry 106X (4)
- Chemistry 202 (3)
- Chemistry 212 (3)
- Chemistry 313 (2)
- Chemistry 321 (3)
- Chemistry 322 (3)
- Chemistry 324 (4) (W)
- Chemistry 331 (3)
- Chemistry 332 (3)
- Chemistry 412 (3)
- Chemistry 413 (3) (W)
- Chemistry 434 (3) (W)
- Chemistry 450 OR 451 (3)
- Chemistry 481 (1) +
- Chemistry 482 (2) (O)
- Chemistry 488 (2) (Environmental Topic)

+Chemistry 481 is a prerequisite for Chemistry 482. Must take both courses to meet the oral intensive communication requirement (O).

Complete 1 of the following:- (3-4)

- Biology 271 (4)
- Biology 342 (4)
- Biology 443 (3)
- Biology 483 (3)
- Chemistry 406 (3)
- Chemistry 442 (4) (W, O/2)

Complete 1 of the following:- (3-4)

- Environmental Science 441 (3)
- Geosciences 417 (3)
- Chemistry 406 (3)
- Biology 442 (4) (W, O/2)

Credits for core/general requirements: 51
Total credits required for major: 64-66
Electives Credits: 13-15
Total credits required for degree: 130

**B.S. Degree Requirements**

130 Credits

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8/26/2008