

**2007-08 CATALOG**  
**CHEMISTRY/ENVIRONMENTAL**

B.S. Degree Requirements  
 130 Credits

**GENERAL REQUIREMENTS**

**COMMUNICATION:- (9)**

Engl 111X (3)\_\_\_\_  
 Engl 211X or 213X (3)\_\_\_\_  
 Comm 131X or 141X (3)\_\_\_\_

**PERSPECTIVES ON THE HUMAN CONDITION:- (18-22)**

Complete the 6 courses listed **OR** 4 of those listed plus 2 semester length courses in a single AK Native or other non-English language or 3 semester length courses (9 credits) in American Sign Language.

Anth 100X/Soc 100X (3)\_\_\_\_  
 Econ/PS 100X (3)\_\_\_\_  
 Hist 100X (3)\_\_\_\_  
 Art/Mus/Thr 200X OR Hum 201X  
 OR Ans 202x (3)\_\_\_\_  
 Engl/FL 200X (3)\_\_\_\_  
 BA 323X or Comm 300X or Just 300X or Nrm 303X or  
 Phil 322X or PS 300X (3)\_\_\_\_  
 Language option as listed above:  
 \_\_\_\_\_( ) \_\_\_\_\_( ) \_\_\_\_\_( )

**MATHEMATICS:- (15)**

Math 200X (4)\_\_\_\_ Math 202X (4)\_\_\_\_  
 Math 201X (4)\_\_\_\_ STAT 300 (3)\_\_\_\_

**NATURAL SCIENCE:- (8)**

Phys 103X (4)\_\_\_\_ & Phys 104X (4)\_\_\_\_ **OR**  
 Phys 211X (4)\_\_\_\_ & Phys 212X (4)\_\_\_\_

**LIBRARY & INFO SKILLS:- (0-1)**

LS competency test\_\_\_\_ OR  
 LS 100X or 101X (1)\_\_\_\_

COMPLETE 2 DESIGNATED (W) COURSES AND  
 1 DESIGNATED (O) COURSE OR 2 COURSES  
 DESIGNATED (O/2) AT THE UPPER DIVISION LEVEL:

\_\_\_\_\_(W) \_\_\_\_\_(W)  
 \_\_\_\_\_(O) OR \_\_\_\_\_(O/2) \_\_\_\_\_(O/2)

**UPPER DIVISION CREDITS:- (39)**

Transfer Credits \_\_\_\_\_  
 UAF Credits (24)\* \_\_\_\_\_  
 TOTAL TO DATE: \_\_\_\_\_  
 TO BE COMPLETED: \_\_\_\_\_

\*a minimum of 24 UAF credits

(envchem)

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

**\*MAJOR REQUIREMENTS**

Complete the following:- (49)

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

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

Complete 2 of the following:- (8)

Biol 105X (4) \_\_\_\_ Geos 125X (4) \_\_\_\_  
 Biol 106X (4) \_\_\_\_ Atm 101X (4) \_\_\_\_  
 Geos 101X (4) \_\_\_\_

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

Biol 271 (4) \_\_\_\_ Enve 458 (3) \_\_\_\_  
 Biol 342 (4) \_\_\_\_ NRM 380 (3) \_\_\_\_  
 Biol 443 (3) \_\_\_\_ Atm 401 (3) \_\_\_\_  
 Biol 483 (3) \_\_\_\_ Chem 402 (3) \_\_\_\_

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

CE 441 (3) \_\_\_\_ Geos 417 (3) \_\_\_\_  
 Chem 406 (3) \_\_\_\_ Biol 442 (4) \_\_\_\_ (W, O/2)

**ELECTIVES (for a total of 130 credits)**

\_\_\_\_\_( ) \_\_\_\_\_( )  
 \_\_\_\_\_( ) \_\_\_\_\_( )  
 \_\_\_\_\_( ) \_\_\_\_\_( )

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