

# 2006-07 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