

# 2002-03 CATALOG

## GEOLOGICAL ENGINEERING

B.S. Degree Requirements  
134 Credits

### GENERAL REQUIREMENTS

#### COMMUNICATIONS:- (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)\_\_\_\_  
Comm 300X or Just 300X or Nrm 303X or  
Phil 322X or PS 300X (3)\_\_\_\_  
Language option as listed above:  
\_\_\_\_\_( ) \_\_\_\_\_( ) \_\_\_\_\_( )

#### MATHEMATICS:- (18)

Math 200X (4)\_\_\_\_ Math 202X (4)\_\_\_\_  
Math 201X (4)\_\_\_\_ Math 302 (3)\_\_\_\_  
STAT 200(3)\_\_\_\_

#### NATURAL SCIENCE:- (16)

Chem 105X (4)\_\_\_\_ Chem 106X (4)\_\_\_\_  
Phys 211X (4)\_\_\_\_ Phys 212X (4)\_\_\_\_

#### LIBRARY & INFO SKILLS:- (1)

LS 101X (1)\_\_\_\_

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

Transfer Credits \_\_\_\_\_  
UAF Credits (24)\* \_\_\_\_\_  
TOTAL TO DATE: \_\_\_\_\_  
TO BE COMPLETED: \_\_\_\_\_  
\*a minimum of 24 UAF credits

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)

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

### \*MAJOR REQUIREMENTS

#### A. Complete the following:- (52)

G.E. 101 (1)\_\_\_\_  
G.E. 261 (3)\_\_\_\_  
G.E. 365 (3)\_\_\_\_  
G.E. 375 (3)\_\_\_\_  
G.E. 381 (2)\_\_\_\_(W)  
G.E. 382 (4)\_\_\_\_(W)  
G.E. 405 (4)\_\_\_\_  
G.E. 420 (3)\_\_\_\_  
G.E. 471 (3)\_\_\_\_  
G.E. 480 (3)\_\_\_\_(W)  
Geos 213 (4)\_\_\_\_  
Geos 214 (4)\_\_\_\_  
Geos 421 (3)\_\_\_\_  
Geos 332 (3)\_\_\_\_  
Min 202 (3)\_\_\_\_  
Min 370 (3)\_\_\_\_  
Min 408 (3)\_\_\_\_

#### B. Complete 6 credits of approved

Technical elective:  
\_\_\_\_\_(3)\_\_\_\_\_ \_\_\_\_\_(3)\_\_\_\_\_

#### C. Complete the following

##### Engineering Science courses:- (14)

E.S. 201 (3)\_\_\_\_  
E.S. 208 (4)\_\_\_\_  
E.S. 331 (3)\_\_\_\_  
E.S. 341 (4)\_\_\_\_

#### D. Must take the Fundamentals Of Engineering Exam.

EXAM TAKEN: \_\_\_\_\_