

# 2002-03 CATALOG

## MINING ENGINEERING

B.S. Degree Requirements  
132 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:- (15)

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

#### NATURAL SCIENCE:- (16)

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

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

LS 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

\*Designates only grades of "C" or better may be used to fulfill this requirement. (A & B areas)

### \*MAJOR REQUIREMENTS

#### A. Complete the following:- (67)

Min 103 (1)\_\_\_\_  
Min 104 (1)\_\_\_\_  
Min 106 (1)\_\_\_\_  
Min 202 (3)\_\_\_\_  
Min 206 (1)\_\_\_\_  
Min 301 (3)\_\_\_\_  
Min 302 (3)\_\_\_\_  
Min 313 (3)\_\_\_\_  
Min 370 (3)\_\_\_\_  
Min 407 (3)\_\_\_\_(W)  
Min 408 (3)\_\_\_\_(O)  
Min 409 (3)\_\_\_\_  
Min 443 (3)\_\_\_\_  
Min 454 (2)\_\_\_\_  
Min 484 (2)\_\_\_\_  
Min 490 (3)\_\_\_\_(W)  
E.S.201 (3)\_\_\_\_  
E.S.208 (4)\_\_\_\_  
E.S 307 (3)\_\_\_\_  
E.S 331 (3)\_\_\_\_  
E.S 341 (4)\_\_\_\_  
E.S.346 (3)\_\_\_\_  
G.E 261 (3)\_\_\_\_  
Geos 262 (3)\_\_\_\_  
Geos 332 (3)\_\_\_\_

#### B. Complete 6 credits of technical elective from the following:

##### 1. Complete 3 credits from the following:

G.E. 440 (3)\_\_\_\_ Min 481 (3)\_\_\_\_  
Min 447 (3)\_\_\_\_(W) Min 482 (3)\_\_\_\_  
Min 472 (3)\_\_\_\_ Min 401 (2)\_\_\_\_

##### 2. Complete 3 credits approved by the Dept. Head:

\_\_\_\_\_(3)\_\_\_\_

#### C. Complete the Fundamentals of Engineering Exam: \_\_\_\_\_

Credits required for core:	59
Credits required for major:	73
Total credits required for degree	132