

# 2001-02 CATALOG

## PHYSICS

B.S. Degree Requirements

130 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)\_\_\_\_  
Engl/FL 200X (3)\_\_\_\_  
Art/Mus/Thr 200X or Hum 201X or  
Ans 202x (3)\_\_\_\_  
Comm 300X or Just 300X or Nrm 303X or  
Phil 322X or PS 300X (3)\_\_\_\_  
Language option as listed above:  
\_\_\_\_\_( ) \_\_\_\_\_( ) \_\_\_\_\_( )\_\_\_\_\_

#### MATHEMATICS:- (24)

Math 200X (4)\_\_\_\_ Math 202X (4)\_\_\_\_  
Math 201X (4)\_\_\_\_ Math 302 (3)\_\_\_\_  
Complete 9 Math credits at the 300 level or above:  
\_\_\_\_\_( )\_\_\_\_+ \_\_\_\_\_( )\_\_\_\_+  
\_\_\_\_\_( )\_\_\_\_+ \_\_\_\_\_( )\_\_\_\_+

#### NATURAL SCIENCE:- (8)

Two 4-credit courses with labs from approved Natural Science core courses with depth (EXCLUDING Phys 103 & 104) or breadth emphasis.  
\_\_\_\_\_( )\_\_\_\_ \_\_\_\_\_( )\_\_\_\_\_

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

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

#### 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.*

### \*MAJOR REQUIREMENTS

Complete the following:- (53)

Phys 113 (1)\_\_\_\_  
Phys 211X (4)\_\_\_\_+  
Phys 212X (4)\_\_\_\_+  
Phys 213X (4)\_\_\_\_+  
Phys 311 (4)\_\_\_\_  
Phys 312 (4)\_\_\_\_  
Phys 313 (4)\_\_\_\_  
Phys 331 (3)\_\_\_\_  
Phys 332 (3)\_\_\_\_  
Phys 381 (3)\_\_\_\_(W/O)  
Phys 382 (3)\_\_\_\_(W)  
Phys 411 (4)\_\_\_\_  
Phys 412 (4)\_\_\_\_  
Phys 445 (4)\_\_\_\_  
Phys 462 (4)\_\_\_\_

+May be used to meet one year sequence requirement.

#### ELECTIVES (for a total of 130 credits):\*\*

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

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

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

|                                    |       |
|------------------------------------|-------|
| Credits required for core:         | 60    |
| Credits required for major:        | 53    |
| Elective credits:                  | 13-17 |
| Total credits required for degree: | 130   |