

# 2005-06 CATALOG

## APPLIED 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)\_\_\_\_  
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:- (24)

Math 200X (4)\_\_\_\_  
Math 201X (4)\_\_\_\_  
Math 202X (4)\_\_\_\_  
Math 302 (3)\_\_\_\_  
Math \_\_\_\_ (3)\_\_\_\_+  
Math \_\_\_\_ (3)\_\_\_\_+  
Math \_\_\_\_ (3)\_\_\_\_+  
+200 level or above

#### NATURAL SCIENCE:- (8)

Complete any two 4-credit Core Natural Science courses (only 1 course may be PHYS)  
\_\_\_\_\_(4) \_\_\_\_\_(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)

(aphy)

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

### \*MAJOR REQUIREMENTS

#### 1. Complete the following:- (19)

Phys 211X (4)\_\_\_\_\*\*  
Phys 212X (4)\_\_\_\_\*\*  
Phys 213X (4)\_\_\_\_\*\*  
Phys 311 (4)\_\_\_\_  
Phys 331 (3)\_\_\_\_

\*\*May be used to meet one year sequence requirement.

#### 2. Complete 12 credits of Physics electives at the 300-level or above.\*

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

#### 3. Complete 20 credits of approved electives. Credits must be approved before the final semester by the Physics department chair.\*

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

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

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

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

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

Credits for core/general requirements:	60
Credits required for major:	51
Elective credit	15-19
Total credits required for degree:	130