

# 2003-04 CATALOG

## APPLIED PHYSICS

B.S. Degree Requirements

130 Credits

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

### 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:- (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 two 4-credit courses with labs from approved Natural Science core courses with depth (EXCLUDING Phys 103 & 104) or breadth emphasis.

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

### \*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 head.\*

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

#### 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 required for core:	60-64
Credits required for major:	51
Elective credits:	15-19
Total credits required for degree:	130