

**2006-07 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)\_\_\_\_  
 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)

**\*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