

# 2002-03 CATALOG

## APPLIED PHYSICS - ATMOSPHERIC SCIENCES

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 \_\_\_\_\_( )\_\_\_\_+  
Math 201X (4)\_\_\_\_      Math \_\_\_\_\_( )\_\_\_\_+  
Math 202X (4)\_\_\_\_      Math \_\_\_\_\_( )\_\_\_\_+  
Math 302 (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)  
(aphyatm)

#### \*MAJOR REQUIREMENTS

*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.*

*\*Complete 12 credits of Physics Elective at the 300-level or above.*

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

*\*Complete the following courses:- (12)*

Atm 401 (3)\_\_\_\_      Atm 413 (3)\_\_\_\_  
Atm 409 (3)\_\_\_\_      Atm 445 (3)\_\_\_\_

*\*Complete 8 credits in other relevant upper-division courses in a chosen subject area approved 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*

Total credits required for core:	60
Total credits required for major:	51
Elective credits:	19
Total credits required for degree:	<u>130</u>