

2004-05 CATALOG
APPLIED PHYSICS - COMPUTATIONAL 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 ____ (3) ____+
 Math 201X (4)____ Math ____ (3) ____+
 Math 202X (4)____ Math ____ (3) ____+
 Math 302 (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)

(aphycom)

**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 the following courses:- (13)

CS 201 (3)____ Math 310 (3)____
 CS 202 (3)____ Phys 220 (4)____

4. Complete 4 credits in other relevant upper-division courses in a chosen subject area approved by the Physics department head.

_____ () _____ ()
 _____ () _____ ()

Electives (for a total of 130):

_____ () _____ ()
 _____ () _____ ()
 _____ () _____ ()
 _____ () _____ ()

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:	60-64
Credits required for major:	48
Elective credits:	18-22
Total credits required for degree:	130