

2002-03 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)_____

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 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)

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

*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 Electives at the 300-level or above.

_____ () _____ () _____

_____ () _____ () _____

*Complete the following courses:

CS 201 (3)_____ Math 310 (3)_____

CS 202 (3)_____ Phys 220 (4)_____

CS 262 (3)_____

*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 required for core:	60-64
Credits required for major:	51
Elective credits:	15-19
Total credits required for degree:	<u>130</u>