

**2005-06 CATALOG**  
**COMPUTER SCIENCE**

B.S. Degree Requirements  
 120 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)**

A. Complete any Core approved ethics course:  
 \_\_\_\_\_(3)\_\_\_\_

B. Complete the 5 courses listed **OR** 3 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)\_\_\_\_  
 Engl/FL 200X (3)\_\_\_\_  
 Art/Mus/Thr 200X or Hum 201X  
 ANS 202X (3)\_\_\_\_  
 Language option as listed above:  
 \_\_\_\_\_( )\_\_\_\_ \_\_\_\_\_( )\_\_\_\_ \_\_\_\_\_( )\_\_\_\_

**\*MATHEMATICS & STATISTICS:- (14)**

Math 200X (4)\_\_\_\_  
 Math 201X (4)\_\_\_\_  
 Math 307 (3)\_\_\_\_  
 Stat 300 (3)\_\_\_\_

**NATURAL SCIENCE:- (8)**

Complete any two 4-credit Core Natural Science courses. Only one course may be Physics.  
 \_\_\_\_\_( )\_\_\_\_ \_\_\_\_\_( )\_\_\_\_

**PHYSICS:- (8)**

Phys 211X (4)\_\_\_\_ & Phys 212X (4)\_\_\_\_

**LIBRARY & INFO SKILLS:- (0-1)**

LS competency test \_\_\_\_ OR  
 LS 100X or 101X (1)\_\_\_\_

**UPPER DIVISION CREDITS:- (39)**

Transfer Credits \_\_\_\_  
 UAF Credits (24)\* \_\_\_\_  
 TOTAL TO DATE: \_\_\_\_  
 TO BE COMPLETED: \_\_\_\_

\*a minimum of 24 UAF credits

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

**\*MAJOR REQUIREMENTS**

**\*1. Complete the following:- (37-38)**

CS 201 (3)\_\_\_\_  
 CS 202 (3)\_\_\_\_  
 CS 301 (3)\_\_\_\_  
 CS 311 (3)\_\_\_\_  
 CS 321 (3)\_\_\_\_  
 CS 331 (3)\_\_\_\_  
 CS 402 (3)\_\_\_\_(O, W)  
 CS 411 or 451 (3)\_\_\_\_  
 CS 441(3)\_\_\_\_ or EE 443 (4)\_\_\_\_  
 CS 471 (3)\_\_\_\_(W)  
 EE 341 (4)\_\_\_\_  
 Engl 314 (3)\_\_\_\_(W, O/2)

**\*2. Complete 9 300/400-level credits of CS elective or approved elective (Such as EE 443)**

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

**\*3. Complete 1 of the following:- (3)**

Math 302 (3)\_\_\_\_  
 Math 308 (3)\_\_\_\_  
 Math 310 (3)\_\_\_\_  
 Math 314 (3)\_\_\_\_  
 Math 371 (3)\_\_\_\_  
 Math 408 (3)\_\_\_\_  
 Math 460 (3)\_\_\_\_(O, W)

**ELECTIVES (for a total of 120 credits):**

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

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)

Credits for core/general requirements:	58
Credits required for major:	49-50
Elective credits:	8-12
Total credits required for degree	120