

**2004-05 CATALOG**  
**COMPUTER SCIENCE**

B.S. Degree Requirements  
120 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)**

- 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

**\*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)\_\_\_\_\_ (W,O)

**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:	44
Elective credits:	10-18
Total credits required for degree	120