

2001-02 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 two 4-credit courses with labs from approved Natural Science core courses with depth or breadth emphasis. May not use depth-emphasis physics core courses.
_____ () _____ ()

PHYSICS:- (8)

- Phys 103X (4)_____ & Phys 104X (4)_____
- OR
- 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

NOTE: A STUDENT MAY DECLARE A MAJOR IN COMPUTER SCIENCE ONLY WHEN SHE/ HE IS READY TO MATRICULATE INTO MATH 200, CALCULUS I.

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

***MAJOR REQUIREMENTS**

**Complete the following:- (32)*

- 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)_____
- EE 341 (4)_____
- EE 342 (4)_____

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

- _____ () _____ ()
- _____ () _____ ()

**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 required for core:	58
Credits required for major:	44
Elective credits:	10-18
Total credits required for degree	120