2007-08 CATALOG
COMPUTER SCIENCE
B.S./M.S. Degree Requirements
141 Credits
Please contact the Mathematical Sciences dept. if you wish to pursue this degree.

GENERAL REQUIREMENTS

COMMUNICATIONS:--(9)
Engl 111X (3)___
         Engl 211X or 213X (3)___
Comm 131X or 141X (3)___

PERSPECTIVES ON THE HUMAN CONDITION:--(18)
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.
Anh 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 :--(8)
Math 200X (4)___
Math 201X (4)___

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

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)___
(cscibsms)

1. You must be junior (preferred) or senior standing.
2. You must have a 3.25 or above gpa based on a minimum
   of 24 credits and maintain a cumulative gpa of 3.0 to remain
in the program.
3. Must submit GRE (general).
4. Must submit study goal statement.
5. Must submit UAF graduate application for admission.

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

*MAJOR REQUIREMENTS

1. Complete the following:--(43)
   CS 201 (3)___  CS 471 (3)___ (W)
   CS 202 (3)___  EE 341 (4)___
   CS 301 (3)___  Engl 314 (3)___ (W, O/2)
   CS 311 (3)___  Math 307 (3)___
   CS 321 (3)___  Math ___ (3)___+
   CS 331 (3)___  Stat 300 (3)___
   CS 402 (3)____(O/W)
   CS 441 (3)___  + 300 or 400-level

2. Complete the following master core requirements (see notes):
   a. Complete the following:--(18)
      CS 611 (3)___
      CS 631 (3)___
      CS 641 (3)___
      CS 690 (3)___
      CS 691 (3)___
      CS 671 (3)___
      CS 411/451 with CS 611/651
   b. Complete 3 credits of upper division and/or
      graduate level elective:
         ( )___
   c. Complete 6 credits of graduate level electives:
         ( )___
         ( )___
   d. Pass a written comprehensive exam in the areas of
      computer algorithms/theory/complexity, computer
      architecture, computer language, and software engineering.

NOTE:  For the master's degree, you must earn an A or B
grade in 400-level courses. The C grade will be accepted in
600 level courses provided a B gpa is maintained.

NOTE:  This program must be completed in 7 years or you
will be disqualified from the program. If you are disqualified,
a BS in CS will be awarded if: 1) completed in 10 years,
and 2) meet the BS degree requirements for CS (with option
subbing CS 411/451 with CS 611/651

ELECTIVES (for a total of 141 credits):

Credits for core/general requirements:___ 52
Credits required for major:___ 70
Elective credits:___ 15-19
Total credits required for degree___ 141

8/2/2007