

# 2007-08 CATALOG

## STATISTICS

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)

Complete 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)\_\_\_\_  
BA 323X or COMM 300X or JUST 300X or NRM 303X or PHIL 322X or PS 300X (3)\_\_\_\_  
Language option as listed above:  
\_\_\_\_\_( ) \_\_\_\_\_( ) \_\_\_\_\_( )

#### \*MATHEMATICS:- (8)

MATH 200X (4)\_\_\_\_\*  
MATH 201X (4)\_\_\_\_\*

#### NATURAL SCIENCES:- (16)

Complete any two 4-credit Core Natural Science courses AND a one-year sequence in one natural science beyond the core. Total credit must represent at least two different natural sciences.  
\_\_\_\_\_(4)\_\_\_\_\_ (4)\_\_\_\_\_  
\_\_\_\_\_(4)\_\_\_\_\_ (4)\_\_\_\_\_

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

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

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

Upper Division Transfer Credits: \_\_\_\_\_  
Upper Division UA Credits (24): \_\_\_\_\_  
Upper Division UAF Credits (15): \_\_\_\_\_  
Total Upper Division Credits to Date: \_\_\_\_\_  
Remaining Upper Division Credits to be completed: \_\_\_\_\_

#### UPPER-DIVISION WRITING AND ORAL COURSES:

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)  
ENGL 314 is recommended to fulfill one of the writing intensive course requirements.

**Note: A student may declare a major in Statistics only when she/he is ready to matriculate into MATH 200, Calculus I.**

Note: For a double major in Stat & Math, see pages 157-158 in the catalog for the approved double major requirements.

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

#### \*MAJOR REQUIREMENTS

##### 1. Complete the following:- (26)

STAT 200X or 300 (3)\_\_\_\_  
STAT 401 (4)\_\_\_\_  
STAT 402 (3)\_\_\_\_  
STAT 498 (3)\_\_\_\_  
MATH 202X (4)\_\_\_\_  
MATH 314 (3)\_\_\_\_  
MATH 371 (3)\_\_\_\_  
MATH 408 (3)\_\_\_\_

##### 2. Complete 6 credits from the following:

STAT 461 (3)\_\_\_\_  
MATH 307 (3)\_\_\_\_  
MATH 310 (3)\_\_\_\_  
MATH 401 (3)\_\_\_\_(W)  
MATH 402 (3)\_\_\_\_(W)  
MATH 460 (3)\_\_\_\_(W,O)  
Approved Elec \_\_\_\_\_(3)\_\_\_\_+  
+approved Stat, Math or statistical discipline oriented course by statistics program coordinator.

##### 3. Complete 2 of the following courses:- (6-7)

AI 101 (3)\_\_\_\_  
CS 103 or CS elec \_\_\_\_\_(3)\_\_\_\_++  
NRM 338 (3)\_\_\_\_  
NRM 341 (4)\_\_\_\_  
++or any higher level CS course

##### 4. Complete a minor in any discipline in which UAF offers a minor. A mathematics minor is completed by all Stat majors and may be used to meet this requirement.

#### MINOR: \_\_\_\_\_-(Min. 15 credits)

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

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

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

Credits for core/general requirements	52
Credit required for major	38-39
Ccredit required for minor (minimum)	15
Elective credits	5-31
Total credit required for degree	120