

2001-02 CATALOG

CIVIL ENGINEERING

B.S. Degree Requirements
135 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 the 6 courses listed **OR** 4 of those listed plus 2 semester length courses in a single AK Native or other non-English language or three 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)____
Comm 300X or Just 300X or Nrm 303X or
Phil 322X or PS 300X (3)____
Language option as listed above:
_____() _____() _____()

MATHEMATICS:- (15)

Math 200X (4)____
Math 201X (4)____
Math 202X (4)____
Math 302 (3)____

NATURAL SCIENCE:- (16)

Chem 105X (4)____
Chem 106X (4)____
Phys 211X (4)____
Phys 212X (4)____

LIBRARY & INFO SKILLS:- (0-1)

LS competency test ____ OR
LS 100X or 101X (1)____

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)

UPPER DIVISION CREDITS:- (39)

Transfer Credits ____
UAF Credits (24)* ____
TOTAL TO DATE: ____
TO BE COMPLETED: ____
*a minimum of 24 UAF credits

(civil)

**Designates only grades of "C" or better may be used to fulfill this requirement (All CE courses and Technical Electives.)*

MAJOR REQUIREMENTS

**1. Complete the following:- (29)*

C.E. 112 (3)____
C.E. 326 (4)____(W)
C.E. 334 (3)____
C.E. 344 (3)____
C.E. 400 (0)____(FE EXAM)
C.E. 402 (3)____
C.E. 431 (3)____
C.E. 432 (3)____
C.E. 438 (3)____(O/W)
C.E. 441 (4)____

**2. Complete 15 technical elective credits. Must include 12 credits of CE or EQE and 3 credits of an approved tech course. Only 1 grad level course may count towards this requirement.*

_____(3)____
_____(3)____
_____(3)____
_____(3)____
_____(3)____

3. Complete the following Engineering Science courses:- (27)

E.S. 101 (2)____
E.S. 201 (3)____
E.S. 209 (3)____
E.S. 210 (3)____
E.S. 301 (3)____
E.S. 307 (3)____
E.S. 331 (3)____
E.S. 341 (4)____
E.S. 346 (3)____

4. Complete the following ESM and GE courses:- (6)

ESM 450 (3)____(W)
GE 261 (3)____

| | |
|-----------------------------------|------------|
| Total credits required for core: | 59 |
| Total credits required for major: | 77 |
| Total credits required for degree | <u>135</u> |