

2002-03 CATALOG
CHEMISTRY-BIOCHEMISTRY/
MOLECULAR BIOLOGY

B.S. Degree Requirements
 130 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 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)____
 Comm 300X or Just 300X or Nrm 303X or
 Phil 322X or PS 300X (3)____
 Language option as listed above:
 _____() _____() _____()

MATHEMATICS:- (12)

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

NATURAL SCIENCE:- (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)____

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

(biochem)

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

***MAJOR REQUIREMENTS**

Complete the following:- (58)

Biol 105X (4)____**
 Biol 106X (4)____**
 Biol 362 (4)____ OR
 Biol 342 (4)____ OR
 Biol 461OR 418(W)(4)____
 Chem 105X (4)____**
 Chem 106X (4)____**
 Chem 212 (3)____
 Chem 313 (2)____
 Chem 321 (3)____
 Chem 452 (3)____(W) OR 488 (3)____
 Chem 322 (3)____
 Chem 324 (4)____
 Chem 331 (3)____
 Chem 332 (3)____
 Chem 413++ or 434 (3)____(W)
 Chem 451 (3)____
 Chem 481 (1)____ +++
 Chem 482 (2)____(O)
 _____(3)____+
 _____(3)____+

+MUST BE APPROVED BY DEPARTMENT HEAD. RECOMMENDED COURSES:

CHEM 202, 402 and 488. Other upper division biology courses may substitute for Chem 202/402

++ Chem 412 is a prerequisiste. Chem 413/434 are Writing Intensive courses.

+++ Chem 481 is a prerequisiste for Chem 482. Must take both courses to meet the oral intensive communication requirement (O).

***May be used to meet general degree requirements.*

ELECTIVES (for a total of 130 credits):

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

| | |
|-----------------------------------|-----|
| Credits required for core: | 48 |
| Credits required for major: | 58 |
| Elective credits: | 24 |
| Total credits required for degree | 130 |