## CHEMISTRY-BIOCHEMISTRY/ MOLECULAR BIOLOGY

### B.S. Degree Requirements

130 Credits

### GENERAL REQUIREMENTS

#### COMMUNICATION: (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)
- MA 323 X or 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)
- _________ (O)
- _________ (O/2)

#### UPPER DIVISION CREDITS: (39)
- Transfer Credits
- UAF Credits (minimum 24)

TOTAL TO DATE: _______

TO BE COMPLETED: ______

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### MAJOR REQUIREMENTS

#### Complete the following: (58)
- BIOL 115X (4)**
- BIOL 116X (4)**
- BIOL 342 (4) OR
- BIOL 362 (4)
- CHEM 105X (4)**
- CHEM 106X (4)**
- CHEM 212 (3)
- CHEM 321 (3)
- CHEM 322 (3)
- CHEM 324 (4) (W)
- CHEM 331 (4)
- CHEM 332 (4)
- CHEM 413++ or 434 (3) (W)
- CHEM 450 (3) OR 451 (3)
- CHEM 452 (W) OR 488 (3)
- CHEM 481 (1)++
- CHEM 482 (2) (O)
- CHEM 488 (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 312 is a prerequisite. CHEM 413/434 are Writing Intensive courses.

+++ CHEM 481 is a prerequisite 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):

- _________ ( )__
- _________ ( )__
- _________ ( )__
- _________ ( )__
- _________ ( )__
- _________ ( )__

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Credits for core/general requirements: 48
Credits required for major: 60
Elective credits: 22
Total credits required for degree: 130