

Submit originals and one copy and electronic copy to Governance/Faculty Senate Office (email electronic copy to fysenat@uaf.edu)

PROGRAM/DEGREE REQUIREMENT CHANGE (MAJOR/MINOR)

SUBMITTED BY:

Department	Chemistry and Biochemistry	College/School	CNSM
Prepared by	William Simpson	Phone	907 474 7235
Email Contact	wrsimpson@alaska.edu	Faculty Contact	William Simpson

See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

PROGRAM IDENTIFICATION:

DEGREE PROGRAM	Minors in Chemistry / Biochemistry
Degree Level: (i.e., Certificate, A.A., A.A.S., B.A., B.S., M.A., M.S., Ph.D.)	

A. CHANGE IN DEGREE REQUIREMENTS: (Brief statement of program/degree changes and objectives)

This is a minor change to alter the way parts I and II of two semester course sequences are listed in the catalog

B. CURRENT REQUIREMENTS AS IT APPEARS IN THE CATALOG:

<p>Minor</p> <p>Chemistry</p> <ol style="list-style-type: none"> Complete the following: CHEM F105X—General Chemistry—4 credits CHEM F106X—General Chemistry—4 credits Complete the following approved electives: CHEM F212—Chemical Equilibrium and Analysis*—4 credits CHEM F321 & CHEM F322—Organic Chemistry—6 credits CHEM F331 & CHEM F332—Physical Chemistry—8 credits Complete one of the following additional chemistry lab courses: CHEM F202—Basic Inorganic Chemistry—3 credits CHEM F324W—Organic Chemistry Lab—4 credits Minimum credits required—29 – 30 credits <p>Biochemistry</p> <ol style="list-style-type: none"> Complete the following foundation courses: CHEM F105X—General Chemistry—4 credits CHEM F106X—General Chemistry—4 credits Complete the following: CHEM F321—Organic Chemistry—3 credits CHEM F322—Organic Chemistry—3 credits CHEM F331—Physical Chemistry—4 credits CHEM F451—General Biochemistry — Metabolism—3 credits Complete two of the following chemistry lab courses: CHEM F202—Basic Inorganic Chemistry—3 credits CHEM F212—Chemical Equilibrium and Analysis—4 credits CHEM F324—Organic Chemistry Lab—4 credits Minimum credits required—28 – 29 credits 	<div style="border: 1px solid black; padding: 20px; width: 80%; margin: auto;"> <p style="font-size: 24px; font-weight: bold;">Received</p> <p style="font-size: 18px; font-weight: bold;">MAY -7 2010</p> <p style="font-weight: bold;">Dean's Office</p> <p>College of Natural Science & Mathematics</p> </div>
---	---

C. PROPOSED REQUIREMENTS AS IT WILL APPEAR IN THE CATALOG WITH THESE CHANGES:

(Underline new wording ~~strike-through old wording~~ and use complete catalog format)

Minor

Chemistry

1. Complete the following:
CHEM F105X—General Chemistry I—4 credits
CHEM F106X—General Chemistry II—4 credits
2. Complete the following approved electives:
CHEM F212—Chemical Equilibrium and Analysis*—4 credits
~~CHEM F321 & CHEM F322—Organic Chemistry—6 credits~~
CHEM F321—Organic Chemistry I—3 credits
CHEM F322—Organic Chemistry II—3 credits
CHEM F331—Physical Chemistry I—4 credits
CHEM F332—Physical Chemistry II—4 credits
~~CHEM F331 & CHEM F332—Physical Chemistry—8 credits~~
3. Complete one of the following additional chemistry lab courses:
CHEM F202—Basic Inorganic Chemistry—3 credits
CHEM F324W—Organic Chemistry Lab—4 credits
4. Minimum credits required—29 – 30 credits

Biochemistry

1. Complete the following foundation courses:
CHEM F105X—General Chemistry I—4 credits
CHEM F106X—General Chemistry II—4 credits
2. Complete the following:
CHEM F321—Organic Chemistry I—3 credits
CHEM F322—Organic Chemistry II—3 credits
CHEM F331—Physical Chemistry I—4 credits
CHEM F451—General Biochemistry — Metabolism—3 credits
3. Complete two of the following chemistry lab courses:
CHEM F202—Basic Inorganic Chemistry—3 credits
CHEM F212—Chemical Equilibrium and Analysis—4 credits
CHEM F324—Organic Chemistry Lab—4 credits
4. Minimum credits required—28 – 29 credits

D. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

none

E. IMPACTS ON PROGRAMS/DEPTS:

What programs/departments will be affected by this proposed action? Include information on the Programs/Departments contacted (e.g., email, memo)
none

F. IF MAJOR CHANGE - ASSESSMENT OF THE PROGRAM:

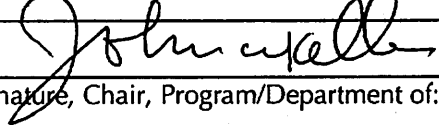

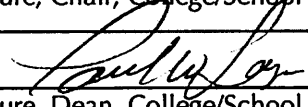
Description of the student learning outcomes assessment process.)
none.

JUSTIFICATION FOR ACTION REQUESTED

The purpose of the department and campus-wide curriculum committees is to scrutinize program/degree change applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If you drop a course, is it because the material is covered elsewhere? Use as much space as needed to fully justify the proposed change and explain what has been done to ensure that the quality of the program is not compromised as a result.

N/A

APPROVALS:

	Date	4-29-10
Signature, Chair, Program/Department of:		
	Date	5/12/10
Signature, Chair, College/School Curriculum Council for:	CNSM	
	Date	5/13/10
Signature, Dean, College/School of:	CNSM	

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

	Date	
Signature, Chair, UAF Faculty Senate Curriculum Review Committee		