

Submit originals (including syllabus) and one copy and electronic copy to the **Faculty Senate Office**
See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL

Attach a syllabus, except if dropping a course.

SUBMITTED BY:

Department	Chemistry & Biochemistry	College/School	CNSM
Prepared by	William Simpson	Phone	X7235
Email Contact	wrsimpson@alaska.edu	Faculty Contact	William Simpson

1. COURSE IDENTIFICATION: As the course now exists.

Dept	CHEM	Course #	F313	No. of Credits	2

COURSE TITLE Chemical Analysis of Dynamic Systems

2. ACTION DESIRED: ☒ Check the changes to be made to the existing course.

Change Course	<input type="checkbox"/>	If Change, indicate below what is changing.	Drop Course	<input type="checkbox"/>
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NUMBER	<input type="checkbox"/>	TITLE	<input type="checkbox"/>	DESCRIPTION	<input type="checkbox"/>
PREREQUISITES*	<input type="checkbox"/>			FREQUENCY OF OFFERING	<input type="checkbox"/>

*Prerequisites will be required before a student is allowed to enroll in the course.

CREDITS (including credit distribution)

COURSE CLASSIFICATION

ADD A STACKED LEVEL
(400/600)
Include syllabi.

Dept.

Course #

RECEIVED

AUG 28 2013

Dean's Office

College of Natural Science & Mathematics

How will the two course levels differ from each other? How will each be taught at the appropriate level?:

Stacked course applications are reviewed by the (Undergraduate) Curricular Review Committee and by the Graduate Academic and Advising Committee. Creating two different syllabi—undergraduate and graduate versions—will help emphasize the different qualities of what are supposed to be two different courses. The committees will determine: 1) whether the two versions are sufficiently different (i.e. is there undergraduate and graduate level content being offered); 2) are undergraduates being overtaxed?; 3) are graduate students being undertaxed? In this context, the committees are looking out for the interests of the students taking the course. Typically, if either committee has qualms, they both do. More info online – see URL at top of this page.

ADD NEW CROSS-LISTING

Dept. & No.

Requires approval of both departments and deans involved. Add lines at end of form for additional signatures.

STOP EXISTING CROSS-LISTING

Dept. & No.

Requires notification of other department(s) and mutual agreement. Attach copy of email or memo.

OTHER (specify)

3. COURSE FORMAT

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council and the appropriate Faculty Senate curriculum committee. Furthermore, any core course compressed to less than six weeks must be approved by the Core Review Committee.

COURSE FORMAT: (check all that apply) ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 weeks to full semester

OTHER FORMAT (specify all that apply)

Mode of delivery (specify lecture, field trips, labs, etc.)

Governance

9/24/13 TUP

4. **COURSE CLASSIFICATIONS:** (undergraduate courses only. Use approved criteria found in Chapter 12 of the curriculum manual. If justification is needed, attach separate sheet.)

H = Humanities		S = Social Sciences	
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Will this course be used to fulfill a requirement for the baccalaureate core?	YES		NO	
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IF YES*, check which core requirements it could be used to fulfill:

O = Oral Intensive, *Format 6 also submitted		W = Writing Intensive, *Format 7 submitted		X = Baccalaureate Core	
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- 4.A *Is course content related to northern, arctic or circumpolar studies? If yes, a "snowflake" symbol will be added in the printed Catalog, and flagged in Banner.*

YES		NO	
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5. **COURSE REPEATABILITY:**

Is this course repeatable for credit?	YES		NO	
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Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).	
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How many times may the course be repeated for credit?		TIMES
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If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?		CREDITS
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6. **COMPLETE CATALOG DESCRIPTION** including dept., number, title, credits, credit distribution, cross-listings and/or stacking, clearly showing the changes you want made. (Underline new wording ~~strike-through old wording~~ and use complete catalog format including dept., number, title, credits and cross-listed and stacked.)

Example of a complete description:

PS F450 Comparative ~~Aboriginal~~ Indigenous Rights and Policies (s)

3 Credits

Offered As Demand Warrants

Case study Comparative approach in assessing ~~Aboriginal~~ to analyzing Indigenous rights and policies in different nation-state systems. ~~Seven Aboriginal situations~~ Multiple countries and specific policy developments examined for factors promoting or limiting self-determination. Prerequisites: Upper division standing or permission of instructor. (Cross-listed with ANS F450.) (3+0)

CHEM F313 Chemical Analysis of Dynamic Systems (n)

2 Credits

Offered Fall

Introduction to modern methods of chemical analysis for the solution of specific environmental or biochemical problems. Focus on planning efficient experiments, assuring reliable results and specific operations done in the lab. Laboratory experiments are multi-week projects requiring bench chemistry and instrumental methods. Collaborative groups are used in the laboratory and in writing laboratory reports. Special fees apply. Co-requisite: CHEM F212 or junior standing. (1+4)

7. **COMPLETE CATALOG DESCRIPTION AS IT SHOULD APPEAR AFTER ALL CHANGES ARE MADE:**

Drop from catalog

8. **GRADING SYSTEM:** Specify only one.

LETTER:	
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PASS/FAIL:	
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9. **ESTIMATED IMPACT**

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

The course was integrated into a laboratory that is associated with CHEM F212.

10. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No ☐

Yes ☐

11. 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)

The course was integrated into a laboratory that is associated with CHEM F212.

12. POSITIVE AND NEGATIVE IMPACTS

Please specify **positive** and **negative** impacts on other courses, programs and departments resulting from the proposed action.

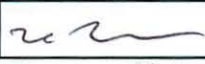
The integration of the material into the CHEM 212 analytical chemistry course made for a better course and saved money by not needing to offer a standalone laboratory.

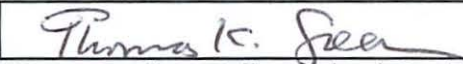
13. JUSTIFICATION FOR ACTION REQUESTED


The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course 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 ask for a change in # of credits, explain why; are you increasing the amount of material covered in the class? If you drop a prerequisite, is it because the material is covered elsewhere? If course is changing to stacked (400/600), explain higher level of effort and performance required on part of students earning graduate credit. 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 course is not compromised as a result.

The course was integrated into a laboratory that is associated with CHEM F212. Because students were still graduating from older catalogs, which required this course, we were not allowed to drop the course. Now no students should be around who need this course, so we are requesting to drop it from the catalog. If an unexpected individual student needs the course, we would deal with such a situation on a case-by-case basis.

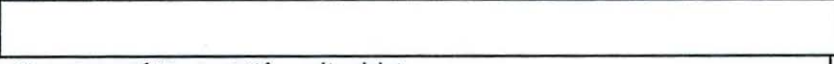

APPROVALS: (Additional signature blocks may be added as necessary.)

 (William Simpson) Date 28 Aug 2013
Signature, Chair, Program/Department of: Chem + Biodesign

 Date 9-23-13
Signature, Chair, College/School Curriculum Council for: CNSM

 Date 9-24-2013
Signature, Dean, College/School of:

Offerings above the level of approved programs must be approved in advance by the Provost:

 Date 
Signature of Provost (if applicable)