

40-day

5 Trial

RECEIVED JAN 28

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).  
See <http://www.usf.edu/usfgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the

**SUBMITTED BY:**

Department	Chemistry and Biochemistry	College/School	CNSM
Prepared by	Sarah Hayes	Phone	907-474-7118

**FISH F487 W, O Fisheries Management**

**3 Credits Offered Spring**

**Theory and practice of fisheries management, with an emphasis on strategies utilized for the management of freshwater and marine fisheries. Prerequisites: COMM F131X or COMM F141X; ENGL F111X; ENGL F211X or ENGL F213X; ENGL F414; FISH F425; or permission of instructor. Cross-listed with NRM F487. (3+0)**

**RESTRICTIONS ON ENROLLMENT (if any)**

**14. PREREQUISITES**

CHEM 212 or instructor permission.

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

**15. SPECIAL RESTRICTIONS, CONDITIONS**

**16. PROPOSED COURSE FEES**

\$

Has a memo been submitted through your dean to the Provost for fee approval?

**17. PREVIOUS HISTORY**

Has the course been offered as special topics or trial course previously?

Yes/No

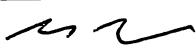
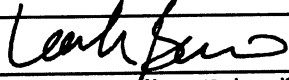
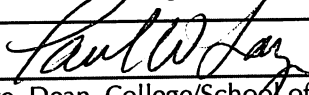
No

If yes, give semester, year, course #, etc.:

**18. ESTIMATED IMPACT**

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

**APPROVALS:** Add additional signature lines as needed.

 (William Simpson)	Date	10 Jan 2013
Signature, Chair, Program/Department of:	Chemistry + VSiobchemistry	
	Date	1/25/2013
Signature, Chair, College/School Curriculum Council for:	CNSM	
	Date	1/28/13
Signature, Dean, College/School of:	CNSM	

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

APPROVALS MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

**Analysis of Environmental Samples**

**CHEM 414; Fall 2013**



**Course Name:** CHEM 414, 2 credits, seminar style  
**Prerequisites:** CHEM 212 or instructor permission  
**Location:** Reichardt XXX  
**Meeting Time:** 2 hours, one meeting per week

**Instructor:** Sarah Hayes  
**Office:** Reichardt 188  
**Phone:** 907-474-7118

**Email:** [s.hayes@alaska.edu](mailto:s.hayes@alaska.edu)

**Blackboard Link:** <http://classes.uaf.edu>

**Recommended Materials:**

Zhang C. Fundamentals of Environmental Sampling and Analysis. New Jersey: John Wiley and Sons, Inc., 2007.

**Course Description:** Seminar course providing a survey of methods available for analyzing the wide

**Course Evaluation:**

There are 1000 total points available in this class. Grades are assigned as follows: 1000-900 A, 900-

800 B, 800-700 C, etc.

Assignment	Points
Quiz (5 x 100)	500
Term paper and presentation	500
<b>Total</b>	<b>1000</b>