

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

SUBMITTED BY:

| | | | |
|---------------|----------------------------|-----------------|--------------|
| Department | Chemistry and Biochemistry | College/School | CNSM |
| Prepared by | Sarah Hayes | Phone | 907-474-7118 |
| Email Contact | s.hayes@alaska.edu | Faculty Contact | Sarah Hayes |

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: CONUM F131X or CONUM F141X; ENGL F111X; ENGL F211X or ENGL F213X; ENGL F414; FISX F425; or PERMISSION OF INSTRUCTOR. Cross-listed with NRM F487. (3+0)

CHEM 686 Research Mentoring

2 Credits Offered Spring

This course provides graduate students the opportunity to mentor undergraduates in chemical

18. ESTIMATED IMPACT

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

This course requires 1-2 credits of workload for the instructing faculty (shared with proposed Chem 288).

19. LIBRARY COLLECTIONS

HAVE YOU CONTACTED THE LIBRARY COLLECTION DEVELOPMENT OFFICER (kjlensen@alaska.edu, 474-6695) WITH REGARD TO THE ADEQUACY OF

LIBRARY/MEDIA COLLECTIONS SUPPORTING AND SUPPORTING MATERIALS FOR THE PROPOSED COURSE? IF SO, HOW ARE THEY BEING USED AND MAINTAINED? IF NOT

EXPLAIN WHY NOT.

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

| | | |
|--|------|--|
| | Date | |
|--|------|--|

Signature, Chair

Faculty Senate Review Committee: CURRICULUM REVIEW GRAC

CORE REVIEW SADAC

ADDITIONAL SIGNATURES (If needed for cross review and/or approval)

| | | |
|--|------|--|
| | Date | |
|--|------|--|

SIGNATURE, Chair, Program/Department Chair

ATTACH COMPLETE SYLLABUS (as part of this application). This list is online at:
<http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/uaf-syllabus-requirements/>
The Faculty Senate Curriculum Committees will review the syllabus to ensure that each of

(or changes to it) may be denied.

SYLLABUS CHECKLIST FOR ALL UAF COURSES

DURING THE FIRST WEEK OF CLASS INSTRUCTORS WILL DISCUSS A COURSE SYLLABUS. DISCUSSION PARTICIPANTS MUST BE HELD ACCOUNTABLE FOR COMPLETING THE

Meeting Time: 1 hr lecture, 3 hrs lab per week

Instructor: Dr. Sarah Hayes

Office: Reichardt 188

Phone: 907-474-7118

Email: s.hayes@alaska.edu

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 |
|--|---------------|
| Research introduction | 100 |
| Completion of mentoring training | 50 |
| Lab rotation plan, execution, and reflection | 250 |
| Feedback on mentee assignments | 200 |
| Lectures | 250 |

due 686

re signup

arch introduction

oring Training

otation plan

ion self reflection

storming notes

ature review reviews

ct plan reviews, mentee evaluations

arch Proposal Reviews (mentees)

posal Reviews (non-mentees)

ee evaluations, self evaluations

Tom Green, Chair

Reviewer 1

Chem 686

This course is for graduate students to learn how to mentor undergrads in research Should it be a stacked 486-686, rather than just 686? The listing is confusing that way. Oh I see. The grad students will be mentoring undergrads in the Chem 288 class. Does this work? I guess?

I agree the use of the word "fun" in the syllabus does not actually belong there. Its too vague.

I like the idea here but from the syllabus I don't get a really good sense for the types of projects the grad students will be mentoring (ie what exactly will the undergrads be doing that they will be mentored on?).

I would like to see a brief description of the types of research the undergrads would be doing.

Chem 288

I can't evaluate this one without an attached syllabus.

Reviewer 2

CHEM 288:

1. "ideas" is misspelled in the Catalog Description (#10.)
2. In Course Classifications (#11), there are no entries -- presumably both are "NO".
3. Then there's the "Instructor permission" situation -- I'm still not sure which direction the responsibility is going, but seem to recall that the