

Field Studies in Subtidal Ecology
MSL 421/623 Spring 2018

Fees: \$300 This covers: limited gear rental, tanks, lodging and food during spring break

This does not cover: travel to the lab, extra certifications

Instructor: Brenda Konar
bhkonar@alaska.edu telephone: 474-5028
Open office hours – Wednesday 4-5pm or call/email for appointment
Scientific Diving Web Site: <http://www.sfos.uaf.edu/dive/>

TA: Jessica Pretty
telephone:

Lecture: Wednesday 915-1115 138 IRVII

Learning Objectives: It is expected that this course will allow students to develop their own research question involving nearshore systems in Kachemak Bay Alaska and conduct their proposed research using scuba as a tool.

Course Description: Students in this course will propose a hypothesis that they will experimentally test during a one-week field trip to the Kasitsna Bay Marine Lab. Associated with their hypothesis, they will develop a proposal, dive plan, and materials list. The proposal will be orally defended in front of the class prior to turning in a written 3-4 page proposal. Field work can not occur until a satisfactory written proposal, dive plan, and materials list is complete. After finishing the fieldwork, undergraduates will present their findings in a poster while graduate students will present theirs in a poster and public seminar. Posters may be turned in one week prior to their due date for feedback. Pr -If you are not a US citizen, there is a lot of paperwork that must be completed 45 days

before the field trip. Please see the instructor about this asap.

Grading:

Grading will be apportioned as follows:

Oral presentation of proposal:	20%
Written proposal:	30%
Dive plan:	10%
Materials list:	10%
Final presentation/poster:	30%

Absolute scores will be used to determine final grades, which will be on the +/- scale.

	A = 93-100%	A- = 90-92%
B+ = 87-89%	B = 83-	

F = 59% and lower

-No incompletes will be given for this course since it involves a field trip.

-Note: Jan 29 is the last day for 100% refund of tuition and fees

Course Detail:

Written Proposal: Undergraduates and graduate students will write a proposal. Arial 10 font with line spacing at 1.5 lines is required. Figures can be added but do not count towards the page count. This proposal will include 1) a title, 2) a brief introduction, which

Powerpoint Presentations should specifically include:

- A title slide
- Approx 3-4 slides on background/introduction..
ie why is this interesting and why should we care
- 1 slide specifically stating your objective/hypothesis
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Course readings/materials: