

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 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
-

Course readings/materials: