Kelp Forest Ecology
Summer

Days: M-F     May 16 to June 14
Kasitsna Bay Laboratory

Instructor: Brenda Konar
        Phone: 474-5028, e-mail: bkonar@ims.uaf.edu
        open office hours

Principle Goals:
1. To introduce students to the existing knowledge, hypotheses, and disputes regarding the components of kelp forest communities and the ecological interactions that influence their structure and dynamics.
2. To familiarize students with critically reading primary published literature in marine kelp forest ecology.
3. To familiarize students with local Alaska marine subtidal flora and fauna.
4. To give students an opportunity to work underwater.
5. To provide students with experience in doing ecological research of their own including: formulating questions, collecting and analyzing ecological data, writing reports based on such data, and giving and receiving critical feedback.
6. *Graduate students will also be required to conduct their own research project. Undergraduates will assist on these projects.

Grading:

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduates</th>
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<tbody>
<tr>
<td>Paper Discussions: 20%</td>
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<td>Group Projects 20%</td>
<td>Group Projects 20%</td>
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<td>Participation in grad projects 20%</td>
<td>Individual Projects 20%</td>
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<td>Organism Exam 20%</td>
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<tr>
<td>Final Exam 20%</td>
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Recommended Courses: Invertebrate Zoology, Fish Biology, Ecology, Statistics

Recommended General Books:

Recommended Organism Books: