

# Course Info and Policies

**Course:** Bi357 (CRN 21716), Marine Biology. 4 credits.

**Instructor:** Dr. Lisa Munger, [lmunger4@uoregon.edu](mailto:lmunger4@uoregon.edu)

**Office hours:** Mon 4pm-5pm and Thurs 11:30am-12:30pm, Klamath 32

**Lecture meeting times:** Tues & Thurs 10:00 am – 11:20 am, Deady 208

**Lab meeting times:** Mondays in Huestis 112

- 10:00-11:50 am (21717)
- 12:00-1:50 pm (21718)
- 2:00-3:50 pm (21719)

## Graduate Employees:

Caitlin Plowman, [cplowman@uoregon.edu](mailto:cplowman@uoregon.edu)

Hilarie Sorenson, [hilaries@uoregon.edu](mailto:hilaries@uoregon.edu)

**Important Dates:** (see full schedule at [Academic Calendar Winter 2018](#))

08 January: classes begin	17 January: last day to add course	16 March: last day of classes
15 January: last day to drop course, no "W" recorded	25 February: last day to drop course, "W" recorded	23 March: Final Exam

**Course Description:** Ecology and physiology of marine plants and animals. Comparisons of various marine habitats. Human influences on marine systems. Lectures, laboratories, field trips.

Prereq: [BI 213](#) or [BI 283H](#). Not open to students who have credit for [BI 458](#) or [BI 474](#).

## Learning Outcomes:

- identify major groups of marine organisms and compare anatomy, physiology, & evolutionary relationships
- characterize biological communities and how they interact with the environment in a variety of marine ecosystems
- connect concepts from physics, chemistry, geology, and biology
- formulate a research question and design a compelling scientific study/experiment
- evaluate the evidence for "how do we know," including data collection tools & techniques
- communicate effectively through written, oral, graphical, and other means
- build a collaborative and inclusive learning community

### **Required materials:**

- Textbook: Marine Biology by Castro and Huber, 10th ed. (previous editions are fine)
- Clicker: iClicker remote (register via Canvas using i>clicker link, left, or on iclicker site)
- Other supplemental readings, videos, etc. will be posted to Canvas

**Optional:** Whelks to Whales: Coastal Marine Life of the Pacific Northwest. (Harbo, R., 2nd Ed. 2011) (good field guide to PNW coast)

**Technology/Devices:** Unless otherwise specified, the use of internet-enabled technology (smartphones, tablets, laptops, etc.) is usually encouraged in class. We will often use devices to look up and share information and take photos, and we may seek out apps and software that are appropriate to what we're learning and doing. If you do not have reliable access to a "smart" device and/or computer, please let me know and we will investigate options.

**Grades:** There are 100 points available to earn in this course. 1 point = 1 % of your grade. Letter grades at the end of the course will be based on the familiar scale: A = 90-100%, B = 80-89%, C = 70-79%, D = 60-69%, F = 59% or less. *Late work will not be accepted.*

Labs = 21 pts. Each lab with write-up is worth 3 pts (Labs 1 through 7). The last lab (lab 8) is part of the group term project. Lab write-ups from your

Monday lab section are due by noon on Fridays of that week. Labs cannot be made up.

Quizzes = 12 pts. Each quiz is worth 3 pts. Five quizzes will be given throughout the term and the lowest quiz score will be dropped. Quizzes will be given online via Canvas, outside of class meeting hours. They will be open after the last class in each module (or midway through Module 3) and due before the start of the next class or lab section.

Class Work = 27 pts. Each class session and its associated work (not including flashcards) is worth 1.5 pts (the day of the midterm does not count toward this). Class work includes homework and in-class activities. The lowest score for *one* class work session will be dropped.

Flashcards = 2 pts (plus 1 pt of extra credit available). An ongoing homework assignment will be to electronically submit a flashcard after each class, starting with Class 2. See [Flashcard Template](#). These are due in Canvas by 5 pm the next day. *If approved* by GE and/or instructor, flashcards will then go into an online pool (in quizlet or cram.com) that everyone in class may access and study from. There are 18 possible flashcards to submit and each approved flashcard is worth 0.2 pts. You must submit 10 correct flashcards to receive the full 2 regular course points, and if you submit 5 more correct flashcards you will receive 1 point of extra credit (no points for the remaining 3 if all 18 are submitted/approved).

Exams = 20 pts. (Midterm = 10 pts, Final Exam = 10 pts). These will be written exams given in the classroom. See [Course Syllabus](#) for dates. Exams cannot be made up except under extenuating circumstances with documentation.

Term project = 15 pts. Working in teams of 3 with others in your lab section, you will design a marine biology research study following the template at [experiment.com](#) (a crowd-funding site similar to [Kickstarter.com](#)). Must be complete and uploaded before last lab session (lab 8). Please see detailed guidelines here: [Term project](#).

Field trip = 3 pts. Must participate in one of the two field trips to OIMB and complete all associated assignments. Field trips are all day on Saturdays and are scheduled for 27-January or 24-February. Please sign up for a field

trip in the Canvas Calendar Appointment Scheduler (visible here: [Course Syllabus](#))

**Inclusive and accessible classroom:** I strive to make this class inclusive and accessible for all learners. I encourage you to let me know if there are aspects of the instruction or course design that result in barriers to your participation, and I/we will work to find solutions. I also encourage you to explore the resources at the University of Oregon's [Accessible Education Center](#). They are located in 164 Oregon Hall, tel. 541-346-1155, email [uoaec@uoregon.edu](mailto:uoaec@uoregon.edu).

**Code of Conduct:** We will work together to set course expectations and create a welcoming environment that fosters learning. In addition, please take the time to learn about the University of Oregon's policies for [Student Conduct](#).

### **What to expect in this class:**

Before class: Preparation for class usually includes recommended reading, videos, and other research on your own as needed (see [Modules](#)). Background reading and guidance questions are not graded. Lecture slides will be posted in Canvas prior to class (and may be subject to minor updates until class starts). They are designed to be prompts with some blank space, so it is important you come to class to be able to fill in the gaps.

During class: Classroom sessions will include lecture, clicker questions, discussion, problem-solving, and activities. In-class work that you turn in for the "Class Work" grade may include brief written assignments, problem-solving on whiteboards, clicker poll questions, screen shots from laptops/tablets, etc.

Assignments: In addition to flashcards, there may be short homework assignments specific to each class that are part of your "Class Work" grade--these might include brief presentations, media article critiques, questionnaires, etc. Some assignments may be individual and some in teams. Specific instructions and due dates are given prior to each assignment -- see Assignments section in Canvas.

**How to submit assignments:** The preferred way for you to submit most assignments and lab write-ups is online via Canvas, because 1) it minimizes paper waste and 2) it provides an efficient way for us to organize, grade, and respond. Emailing the instructor or GE is less preferable, but acceptable. Paper assignments can be submitted in person during lab or lecture, or in the instructor's mailbox in the Biology office in Klamath 77.