

## BI150 \* OCEAN PLANET \* SPRING 2020

*Professor's CORONA Statement – I am committed to doing everything I can to make sure you complete this spring term course successfully. I always try to help students become better scholars and to equip them with new skills to bring to their civic, professional, and personal life. Regardless of the uncertainty around how we will actually get there, we will do that this year too. Some things in this syllabus may change a little bit but changes will be made to on your behalf not mine. Your efforts to stay on top of the work and be flexible will be met with all the energy I can bring to giving you a good educational experience. I pledge to be responsive to things going on in your lives as well. Please feel free to reach out to me by Canvas email with any concerns.*

*Professor Michelle Wood*

### Teaching Team:

Professor Michelle Wood

[miche@uoregon.edu](mailto:miche@uoregon.edu)

Office Hours – Zoom Hrs. 2-3:30 Tues., 9-10 Wed. and by apt.

Tiffany Thornton, GE

[tthornto@uoregon.edu](mailto:tthornto@uoregon.edu)

Office Hours – Zoom Hrs. 2-3 MW, by appt

BULAS

Jenna Travers, [jtravers@uoregon.edu](mailto:jtravers@uoregon.edu)

Anna Lake, [alake5@uoregon.edu](mailto:alake5@uoregon.edu)

### Logistics:

- Course Meets Remotely on Zoom
- Canvas is the Communications Center and Organizing Center
- All Zoom Class Meetings and Zoom Office Hours Can Be Entered From Canvas
- Zoom Class Meetings –
  - Lecture** – Thursday 2-3:20
  - Discussions** – 9, 10, & 11AM Tuesday –  
*For continuity and size, please attend the discussion section you enrolled in.*

### CLASS DESCRIPTION:

*The ocean is the largest and most diverse ecosystem on earth. However, many of us know very little about the ocean or its extraordinary inhabitants. This class introduces you to the Earth's marine habitats, ecosystems, and organisms. It is designed to help you assess your own relationship to this 'engine' overall global function and sustainability. The course meets Core and General Education requirements for Natural Science; it emphasizes development of competencies in critical thinking, ethical thinking, and communication.*

### Learning Objectives:

*By the end of the term you will:*

- 1) have a greater appreciation for how big, beautiful, diverse, and important the ocean is.*
- 2) be able to apply personal values and objective information to decisions affecting marine resources.*
- 3) visit the ocean as a knowledgeable and curious guest who can share natural history insights with others.*

## REQUIRED TEXTBOOKS -

*Mladenov – Marine Biology: A Very Small Introduction, Oxford Press*

*Readings from Castro & Huber (only available through Duckstore)*

*Harbo \_ Whelks to Whales, 2<sup>nd</sup> Edition*

*SimULink software –*

*Keystone Predator & Barnacle Zone (See last page of syllabus for details)*

## **EXPECTATIONS:**

*You are expected to honor all University policies regarding plagiarism and academic integrity. On various occasions you will be asked to certify that work you turn in is your own work, but on all assignments, you should ALWAYS seek to exemplify the most honorable behavior. Be alert to how easy it is to plagiarize from the WWW (if you didn't take the picture – credit the source or artist; if you didn't write it - use quotes and citations, etc. If you want to develop writing and critical thinking skills, put key ideas in your own words and acknowledge where the facts come from. Links to the student conduct code are at the end of the syllabus, along with some links regarding plagiarism and how to avoid it.*

*You are expected to alert the professor or teaching staff if you are falling behind, are feeling confused, or if outside issues are keeping you from making progress. You are expected to be organized. You should spend at least 10 hours a week on this class. Use the information you gain from the survey on preparedness for online learning to help you succeed in the remote format.*

*You are expected to use good 'netiquette' – Arrive early to Zoom sessions, mute your sound when entering a Zoom meeting and be respectful in all communication; disable your camera if you are moving around or not dressed for a classroom setting. In discussions, Try to listen mindfully to what others are saying and avoid focusing on what you plan to say next. Use a professional tone and polite language. In the remote setting, as with email, it is much harder to interpret 'jokes' or casual speech.*

*You are expected to use professional language on email and to follow two key rules: 1) Begin every subject line with BI150 so it is easy to sort for emails relating to the class and 2) Use top posting for all threads. (This means the newest entry goes on the top).*

## **COURSE ELEMENTS AND GRADING**

*I will send a Summary and Class Preparation Assignment that will give an overview of learning objectives for the week or module. These learning objectives, are essentially a study guide for that week or module. Use the objectives as a scaffold on which you can hang any new information you are getting. If you are reading and wonder why you are reading about a particular thing, look at the 'study guide'; and consider how the material helps you achieve that learning goal. How does what it connect to the particular concepts or questions in the study guide? Use your imagination, stretch for connections. For purposes of grading, the specific assignment you submit each week to go with the Preparation Assignments is worth 20 points. The work you do for the whole assignment will take the entire week (or more) and prepare you for exams.*

Weekly Assignment 10 @ 20	200
Discussion	
Current Event Analysis 4 @ 25	100
Personal Choices – Plastics, Seafood 2 @ 50	100
SimULink – Keystone Predator	100
SimULink - Barnacle Zone	100
EXAMS (2 Mid-terms & Final)*	400
TOTAL	1000 POINTS

GRADING – Straight Scale - >900 pts = A; >800 pts = B, etc. C- (P) cutoff is 685 pts. Other +/- grades at instructor discretion although this will never lower a grade relative to the straight scale. I follow the rubric for basic grades used by the Department of Human Physiology: <https://physiology.uoregon.edu/undergraduate/grade-culture/>

\*EXAM GRADE – Your exam grade will be based on the average of all three exams, or the final exam grade, whichever is higher. If you are happy with the average of your two mid-terms, you do not have to take the final. If you miss a mid-term, we will use the final exam grade for your exam grades (i.e. no makeup) unless there is a very compelling reason to do otherwise.

ACCESSIBILITY AND EQUITY– It is my goal that everyone in the class find ways to learn and grow in this class as their own person on equal footing with everyone else. We all have different challenges and barriers to our success and we all have different talents and skills. If there are ways I can help you overcome your challenges or utilize your talents, so that you do well in this class, please let me know. If you need technical assistance with the remote delivery of classes this term, the University also has a number of resources available to you. Links are provided at the end of this email.

*DISABILITIES* - The University of Oregon is working to create inclusive learning environments. Please notify me if there are aspects of the instruction or design of this course that result in disability-related barriers to your participation. You are also encouraged to contact the Accessible Education Center in 360 Oregon Hall at 541-346-1155 or [uoaec@uoregon.edu](mailto:uoaec@uoregon.edu).

### Academic Integrity and Student Conduct Code

<https://policies.uoregon.edu/vol-3-administration-student-affairs/ch-1-conduct/student-conduct-code>

### Avoiding Plagiarism

<https://cmsw.mit.edu/writing-and-communication-center/avoiding-plagiarism/>

### Technical Support from UO

<https://is.uoregon.edu/remote>

<https://service.uoregon.edu/TDCClient/2030/Portal/KB/ArticleDet?ID=31704>Links to an external site.

### All kinds of support from UO

<https://remote.uoregon.edu/stay-connected>

INFORMATION FOR USING SimUText– You will need either a credit card or a voucher number from the bookstore to download the software needed to do the Keystone Predator and Barnacle Zone studies. Be sure to follow the directions below and ‘Check your tech’ asap.

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It is important that you review the information below *before* you subscribe to the SimUText for **Ocean Planet** at **University of Oregon - Eugene**. **To avoid possible problems, do not wait until the last minute.**

1. **CHECK YOUR TECH!**

Visit <https://simutext.zendesk.com/hc/en-us/categories/200170134-Check-Your-Tech-> (Links to an external site.) to confirm that the SimUText application will work on your computer, and/or to explore your options if there is a problem.

2. **SimUText Voucher Code (optional)**

If you purchased a SimUText Voucher from your bookstore, be sure to have it with you when subscribing, as you will need to enter your voucher code.

3. **Registration Link**

When you are ready to subscribe and download installers, follow this link to initiate the process:

<https://www.simutext.com/student/register.html#/key/UUsR-5z4v-Ux3F-qWJ4-HxD3> (Links to an external site.)

4. **SimUText Application Installers**

After you have completed the subscription process, if you need to download the SimUText application installers again, you will be able to access them by logging into the [SimUText Student Portal \(Links to an external site.\)](#)

(<https://www.simutext.com/student/>).

**Save this email!** Should you encounter problems, you may need your course-specific Access Key. It is: **UUsR-5z4v-Ux3F-qWJ4-HxD3**

Problems or questions? Visit [SimUText Support \(Links to an external site.\)](http://simbio.com/support/simutext)(<http://simbio.com/support/simutext>)

SCHEDULE - BI50 - OCEAN PLANET -SP2020

DUE - Weekly Summary Assignment (20 pts each week) will be due every week by 5:00 PM on Sat. with occasional XC for early submission.

EXCEPTIONS - Week 1 & 2 , Alternate dates or times posted with assignments to get class started

DUE: News Analysis Assignments for Discussion will be due by 5:00 PM on Monday before discussion

SimULinks DUE: Keystone Due 5:00 Mon, Week 4; Barnacle Zone Due 5:00 Mon, Week 5

EXAMS are not technically closed-book but they are timed and you should prepare as for a closed-book in-class exam.

In other words, you won't be disciplined for academic misconduct for using notes or the texts, but you do not really have time look up answers you don't know.

Week 1 3/29-4/4	Module 1: Introduction & Ocean Basins No Discussion Lecture: Ocean Basins	READINGS VSI Marine Biology = Ch. 1 C&H Readings, pp. 1-22	DUE Week 1- Assignment Get-to-Know You Quiz
Week 2 4/5-4/11	Module 2: Ocean Properties Discussion: News Analysis I	VSI Marine Biology - Ch. 2 C&H Readings, pp. 3-28	DUE - News Analysis Mon. 5:00 Week 2 - Assignment, Sat. 5:30 PM
Week 3 4/12-4/18	Module 3 - Intertidal I (Food Webs & Critters) Discussion: Begin Keystone Predator	pp. Harbo - 6-23 and as needed All text links in Keystone Predators VSI Marine Biology - Ch. 7 Movie: Tidal Seas Blue Planet, Episode 7 Watch movie before taking mid-term	Week 3- Assignment, Sat. 5:00PM Start Keystone Predator before Discussion
Week 4 4/19-4/25	Module 4 -Intertidal II (More critters, zonation, waves, tides) Discussion: Keystone Predator Due 5:30 Mon. eve. & Begin Barnacle Zone	Harbo as needed Keystone is on Exam, Barnacle Zone is not C&H 39-46 (for lecture, not on exam) All text links in Barnacle Zone (not on exam)	Keystone Predator Due Mon. 5:00 PM Midterm will be posted by Tues. eve. (60 min exam) MIDTERM DUE Thurs., 10:30 AM Week 4 - Assignment Due Sat. 5:00 PM
Week 5 4/26-5/2	Module 5 - Nearshore Subtidal & Coastal Zone Discuss Barnacle Zone Drafts Discuss article - no assignment due	VSI - Chs. 2 & 3 C&H, pp. 54-57, Harbo as needed Movie:Beneath the Emerald Sea	Barnacle Zone Due Sun. May 3., 5:00 PM Weekly Assignment Due Sat. 5:00 PM
Week 6 5/3-5/9	Module 6 - Polar Science- Dr. P. Czikó, guest lecture News Analysis II	Harbo Ch. 10 VSI Marine Biology, Ch. 4	Barnacle Zone due Sun. 3, 5PM News Analysis II - Due 5:00 PM Mon. Weekly Assignment Due Sat. 5:00 PM
Week 7 5/10-5/16	Module 7 - Fisheries Discussion - Seafood Choices, Seafood DUE	VSI Marine Biology, Ch. 8 C&H Readings, pp. 57-60 Movie: Empty Nets	Seafood Choices DUE, 5:00 PM Tues. ...may have follow up due after discussion Weekly Assignment Due Sat. 5:00 PM
Week 8 5/17-5/23	Module 8 -Tropical Ecosystems I Discussion - News Analysis III	VSI Marine Biology, Ch. 5 (not on exam)	News 'Analysis III Due Mon. 5:00 Midterm will be posted by Tues. Eve. (60 min exam) MIDTERM DUE Thurs., 10:30 AM Weekly Assignment (on Tropics) Due Sat. 5:00 PM
Week 9 5/24-5/30	Module 9 - Tropical Ecosystems II Discussion - Personal Plan	VSI - Ch. 5 TBA	Personal Plan Due, 5:00 Monday Weekly Assignment Due Sat. 5:00PM
Week 10 5/31-6/5	Module 10 - Deep Sea Discussion - News Analysis IV	VSI -Ch. 6	News Analysis IV Due Mon. 5:00 PM Weekly Assignment Due Sat. 5:00 PM
Week 11	Final (Optional, See Syllabus for details on exam grades)		Posted By 5PM, June 8; Due 1:30PM Thurs. June 11