

# 2024 SPRING TERM OREGON INSTITUTE OF MARINE BIOLOGY

April 1 – June 14, 2024

[oimb.uoregon.edu](http://oimb.uoregon.edu)

The University's marine biology station at Charleston is an ideal location for the study of marine systems. Many habitats are within easy reach of the laboratory. Classes meet all day with a maximum of 24 students, allowing considerable interaction between students and faculty, and fostering an intensity of learning. The program is designed for juniors and seniors majoring in marine biology, biology, general science, and environmental science. Field trips and lab activities are emphasized. All students must have completed either BI 211 - 213 or BI 281H-283H or an equivalent core sequence in biology. UO students register using DuckWeb, non-UO students use a guest registration found on the OIMB web page.

**BI 457/557 Marine Biology: Seaweed Biology** (5 quarter hour credits) This class is an overview of seaweed diversity, evolution, biology and ecology. Students will become familiar with the diversity of seaweeds in Oregon and learn to identify and prepare seaweed herbarium specimens. Field trips to local intertidal and boat marine/dock sites for collection, surveys, and observation will emphasize community structure and interactions. Assignments include field studies, student projects, seaweed anatomical and taxonomic studies, individual and group research. Meets Mondays 8:30 – 5:00.

Instructor: Nancy Trenamen.

**BI 451/551 Invertebrate Zoology** (8 quarter hour credits) An introduction to the diversity of marine invertebrates e.g. all multicellular marine animals, except the vertebrates. What they look like (body plans & structure), how they work (functional morphology), where they live, their natural history and behavior (general ecology). Lectures will introduce organisms, explain their form & function, and include current views of evolutionary origins and phylogenetic relationships. Field trips will explore animals in their habitats and labs will allow careful study of living invertebrates, emphasizing form and function. *Fulfills Area 2 major requirement.* Meets Tuesdays and Thursdays 8:30 – 5:00. Instructors: Richard Emlet and Maya Watts

**BI 457/557 Marine Biology: Comparative Embryology and Larval Biology** (5 quarter hour credits)

A comparative survey of embryonic development and larval forms across marine invertebrate phyla, including but not limited to: Cnidaria, Ctenophora, Platyhelminthes, Annelida, Mollusca, Nemertea, Phoronida, Echinodermata, Bryozoa and Chordata (Tunicates). Students explore the rich and colorful diversity of marine embryos and larvae by culturing dozens of representative species in the laboratory. Field trips will be dedicated to collecting live material for use in class. *Course limited to 12 students.* Meets Wednesdays 8:30 – 5:00. Instructor: Svetlana Maslakova

**As this course is limited to 12 students, please submit a short paragraph describing why you are interested in taking this course, to be submitted with this application.**

**BI 474/574 Marine Ecology** (5 quarter hour credits) Marine Ecology is an interdisciplinary field covering the interaction of organisms with each other and their environment. In this course, we approach the discipline by focusing on the strengths of our program's unfettered access to the flora and fauna of the local shore, emphasizing concepts and practice of rocky intertidal community ecology. Each week, we will be in the field, getting wet, making observations, and learning how to link these observations to developing and testing hypotheses that connect to fundamental ecological theory. Meets Fridays 8:30 – 5:00 Instructor: Aaron Galloway

**BI 390 Animal Behavior** (4 quarter hour credits) How and why animals behave, and how animal behavior is studied. Mechanisms of behavior, behavioral ecology, and sociobiology. **This course is offered remotely and asynchronously.** Instructor: Alan Shanks

**OIMB INFORMATION** Tuition and fees are the same as those on main campus. Room and board is \$245/week *subject to fee increases.* To apply return the application form on the reverse of this announcement. If you have questions about spring term courses contact OIMB. Email: [oimb@uoregon.edu](mailto:oimb@uoregon.edu) Phone: 541-346-7280. Or visit the Biology Advising office in Klamath Hall.

## ***OIMB SPRING TERM 2024 SCHEDULE OF CLASSES***

### **MONDAY**

8:30pm – 5:00pm  
Seaweed Biology

### **TUESDAY**

8:30am – 5:00pm  
Invertebrate Zoology

### **WEDNESDAY**

8:30am – 5:00pm  
Embryology/Larval Ecology

### **THURSDAY**

8:30am – 5:00pm  
Invertebrate Zoology

### **FRIDAY**

8:30am – 5:00pm  
Marine Ecology

## **APPLICATION**

Return completed application to OIMB Admissions, Oregon Institute of Marine Biology, PO Box 5389, Charleston, OR 97420 or email to [OIMBAdmissions@uoregon.edu](mailto:OIMBAdmissions@uoregon.edu) with “2024 Spring Application” in the subject. **Applications are to be submitted by February 15<sup>th</sup>, 2024** and are reviewed on a rolling basis until courses are full. Late applications are accepted.

Please note that this application DOES NOT register you for OIMB courses. You will still need to register for OIMB courses through Duckweb during registration week as you would for any other UO courses.

NAME \_\_\_\_\_ Pronouns: \_\_\_\_\_

MAJOR \_\_\_\_\_ Graduate/Undergraduate (circle appropriate) YEAR in school: Soph/Jun/Sen

AGE \_\_\_\_\_ UO Student Number \_\_\_\_\_ Telephone \_\_\_\_\_

Home Address \_\_\_\_\_

School Address \_\_\_\_\_

E-mail Address \_\_\_\_\_

Do you want to apply for OIMB housing? Yes / No If Yes: Female/Male/ Non-binary/Genderqueer/Gender Fluid

I would be comfortable sharing a bedroom/bathroom with (circle all the apply) – Men Women People of any Gender

Housing includes a meal plan through our dining hall. Do you have any dietary restrictions and/or food allergies our cooks should be aware of? \_\_\_\_\_

For more information about scholarships, see <https://oimb.uoregon.edu/academics/scholarships/>

**The deadline for scholarship applications is March 1, 2024.**

**IF YOU ARE NOT A UNIVERSITY OF OREGON STUDENT:** Please complete the guest student application page from our web page, and send copies of your transcript with this application. We will notify you of your acceptance within two weeks of receiving your application. Tuition rates for spring term are listed at: <https://registrar.uoregon.edu/costs/tuition-fees>

**Please check below the courses you wish to take at OIMB.** The recommended course load is 14 -16 credits

BI 457/557 Marine Biology: Seaweed Biology (5 credits) \_\_\_\_\_

BI 451/551 Invertebrate Zoology (8 credits) \_\_\_\_\_

BI 457/557 Marine Biology: Comparative Embryology and Larval Biology (5 credits) \_\_\_\_\_

BI 474/574 Marine Ecology (5 credits) \_\_\_\_\_

BI 390 Animal Behavior (4 credits) - WEB \_\_\_\_\_

*The University of Oregon is an equal opportunity, affirmative action institution committed to cultural diversity in compliance with the Americans with Disabilities Act. The University of Oregon is dedicated to fostering inclusive learning environments for all students and welcomes students with disabilities into all of the University's educational programs. The Accessible Education Center (AEC) assists students with disabilities in reducing campus-wide and classroom-related barriers. [If you have or think you have a disability](#) and experience academic barriers, please contact the AEC to discuss appropriate accommodations or support. Visit 360 Oregon Hall or [aec.uoregon.edu](mailto:aec.uoregon.edu) for more information.*

*You can contact AEC at 541-346-1155 or via email at [uoaec@uoregon.edu](mailto:uoaec@uoregon.edu).*