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. Fields 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 – 3:30 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

**BI 407/507 Seminar: Marine Biology** (2 quarter hour credits) Speakers present research. 4-5pm Fridays.

**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 Phone: 541-346-7280. Or visit the Biology Advising office in Klamath Hall.
**OIMB SPRING TERM 2024 SCHEDULE OF CLASSES**

<table>
<thead>
<tr>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
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<tr>
<td>8:30pm – 5:00pm</td>
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<tr>
<td>Seaweed Biology</td>
<td>Invertebrate Zoology</td>
<td>Embryology/Larval Ecology</td>
<td>Invertebrate Zoology</td>
<td>Marine Ecology</td>
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<td>4:00pm Seminar</td>
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**APPLICATION**

Return completed application to OIMB Admissions, Oregon Institute of Marine Biology, PO Box 5389, Charleston, OR 97420 or email to OIMBAAdmissions@uoregon.edu with “2024 Spring Application” in the subject. **Applications are to be submitted by February 15th, 2024** and are reviewed on a rolling basis until courses are full. Late applications are accepted. UO students can register using DuckWeb.

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 ________
- BI 407/507 Seminar: Marine Biology (2 credits)________