2018 SUMMER TERM  
OREGON INSTITUTE OF MARINE BIOLOGY  
June – August 2018  
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. To the north are 50 miles of sandy beaches, and to the south are extensive rocky shores. OIMB is at the entrance to Coos Bay and adjacent to the South Slough National Estuarine Research Reserve; estuarine and open ocean habitats are only minutes away. OIMB offers a variety of courses during the summer term. In addition to the eight week term, several two week and weekend workshops are available. Courses are open to qualified students from all institutions as well as those interested in continuing education. Courses are designed for upper-division marine biology and biology majors, and environmental science majors. Courses meet for at least seven hours a day and include extensive field work. The recommended course load for the eight-week session is 12 to 16 credits. All students planning to take OIMB courses should fill out an application form (on the back of this sheet). OIMB Scholarship information is on the OIMB web site.

8-Week Courses: June 25 – August 17, 2018

BI 451/551 Invertebrate Zoology (8 quarter hour credits) Introduction to the diversity of marine invertebrates: what they look like, how they work, where they live, and their natural history and behavior. Fulfills Area 2 major requirement. Meets 8:00am - 5:00pm Mon, Wed. and Fri. Instructor: Patrick Baker

BI 457/557 Subtidal and Deep-Sea Ecology (8 quarter hour credits) This team-taught course is an overview of the organisms, habitats and ecological processes occurring deeper than the intertidal zone, from algal-dominated systems in the shallow subtidal to deep-water systems on the continental shelf and slope, submarine canyons, seamounts, abyssal plains, methane seeps, hydrothermal vents and hadal trenches. Laboratory activities and field trips will strongly supplement lecture material and assigned reading; field work and projects will involve the collection and analysis of offshore trawl, dredge, core, ROV and camera sled data, as well as snorkel surveys using GoPro cameras of nearshore kelp beds, seagrass meadows, and under-rock communities. Weather permitting, we anticipate a cruise to the continental slope on a larger research vessel. Meets 8:30am – 5:00pm Mon, Wed. and Fri. Instructors: Craig Young and Cynthia Trowbridge

BI 455/555 Marine Birds and Mammals (6 quarter hour credits) Topics covered include systematics, ecology, social systems, morphology, evolution, and physiology. Meets 8:00am - 5:00pm Tues. and Thurs. Instructor: Doug Warrick

BI 457/557 Biology of Fishes (6 quarter hour credits) This course includes biology, physiology and ecology of tidepool, estuarine and marine fishes, and emphasizes data collection and analysis through a study of Oregon’s fauna. Meets 8:00am – 5:00pm Tues. and Thurs. Instructor: Daryl Parkyn

BI 407/507 Seminar: Marine Biology (1 quarter hour credit) Guest speakers present their research. Meets 4:00 – 5:00pm Wednesdays. (Wednesday 8 credit courses end at 3:30pm to accommodate seminar)

2-Week Course: August 20 – 24 and Aug. 27 – 31, 2018

BI 399 Introduction to Experimental Design and Statistics (4 quarter hour credits) A course designed for upper-division undergraduates that explores the principles of experimental design and evaluation of appropriate analysis techniques in ecological studies. Meets 8:00am - 5:00pm Instructor: Brian Bingham

Weekend Workshops: All day Saturday and Sunday for two consecutive weekends 

June 23 – 24 and June 30 - July 1, 2018

BI 408/508 Biological Illustration (2 quarter hour credits) How to produce accurate drawings of animals and plants suitable for reference, publication, or display. No prior experience is necessary. Meets 8:00am -5:00pm Instructor: John Megahan

July 14 – 15 and July 21 – 22, 2018

BI 408/508 Sea Slug Biology (2 quarter hour credits) Nudibranchs, well known for their beautiful coloration and forms, are members of the larger taxon of Heterobranchia. This diverse group includes shelled and non-shelled representatives, herbivorous and carnivorous forms, and benthic as well as pelagic species. Taxa to be covered will include locally available nudibranchs, sacoglossans, sea hares, side-grilled slugs, cephalaspideans, free-swimming pteropods, and marine pulmonates. Core topics to be covered will include consumer-prey relationships, diversity, biogeography, taxonomy, phylogeny, reproduction, and dispersal. Field work and laboratory activities will give the students an opportunity to focus on an investigation of their own choosing. Meets 6:30am to 4:00pm on July 14/15 and from 8:00am to 5:00pm on July 21/22. Instructors: Nancy Treneman and Cynthia Trowbridge

OIMB INFORMATION Tuition and fees are the same as those on main campus. Room and board is $224/week subject to fee increases. To apply for courses and room and board return the application form on the reverse of this announcement. If you have questions about summer term courses contact OIMB: oimb@uoregon.edu Phone:541-888-2581 or visit the biology advising office in Klamath Hall.
APPLICATION FOR SUMMER COURSES AT THE OREGON INSTITUTE OF MARINE BIOLOGY

Please print out this form, fill out the details and return it by May 30* to: OIMB, PO Box 5389, Charleston, OR 97420, or email it to Tammy Trost at ttrost@uoregon.edu with “2018 Summer Application” in the subject. *After May 30 please call OIMB: 541-888-2581 or email Tammy to check if courses have openings.

Name: ___________________________ Date of Birth: __________ Age: _____ SSN: __________________

Current Address: ________________________________________________________________

Address good through (date): ________________________________________________________

Permanent Address: ______________________________________________________________

Current Phone: _____________________ Permanent Phone: ___________________ Email address: __________________

APPLICATION FOR 2018 SUMMER COURSES
If you are not a University of Oregon student, please send a copy of your transcript.
UO students: UO ID number: __________________

Note whether you plan to take the course for undergraduate or graduate credit

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Information and application forms for OIMB Scholarships: http://oimb.uoregon.edu/academics/scholarships/

HOUSING
Do you want to apply for dormitory housing? Yes / No If Yes: Female / Male / UO Graduate Student

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? ________________________________

A dormitory deposit of $100 is required. Make checks payable to OIMB.

ACADEMIC RECORD AND RESIDENCY INFORMATION

Will you have a B.S. or B.A. degree when you attend OIMB? Yes / No
Have you previously attended the University of Oregon? Yes / No
In which state do you reside? _________ How long have you lived in that state? __________________

The University of Oregon is an equal opportunity, affirmative action institution committed to cultural diversity in compliance with the Americans with Disabilities Act. Accommodations for people with disabilities will be provided if requested in advance.