

2017 SUMMER TERM OREGON INSTITUTE OF MARINE BIOLOGY

June – August 2017

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 26 – August 18, 2017*

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 8:00 a.m. - 5:00 p.m. Monday, Wednesday and Friday. Instructor: Jason Williams

BI457/557 Seaweed Ecology (6 quarter hour credits) This field-oriented course will be an ecological survey of the diverse seaweed communities on rocky intertidal, subtidal, and soft-sediment shores in the Coos Bay/Cape Arago area. The class will investigate ecological patterns and processes of seaweed distribution and experimentally test interactions with consumers and competitors. Current topics to be covered will include (i) invasive species and their management, (ii) economic uses of seaweeds, (iii) evolution of different life histories, and (iv) kelp bed restoration. Meets 8:00 am – 5:00 pm Tues. and Thurs. (with some early morning low tides). Instructor: 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 8:00 a.m. - 5:00 p.m. Tuesday and Thursday. Instructor: Doug Warrick

BI 457/557 Biology of Fishes (8 quarter hour credits) The 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 8:00 a.m. – 5:00 p.m. Monday, Wednesday, Friday. Instructor: Daryl Parkyn

BI 407/507 Seminar: Marine Biology (1 quarter hour credit) Guest speakers present their research. Meets 4:00 – 5:00 pm Wednesdays. (Wednesday 8 credit courses end at 3.30 to accommodate seminar)

2-Week Course: *August 21 – 25 and Aug. 28 – September 1, 2017*

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 8:00a.m. - 5:00p.m. Instructor: Brian Bingham

Weekend Workshops: *All day Saturday and Sunday for two consecutive weekends June 24 – 25 and July 1 – 2, 2017*

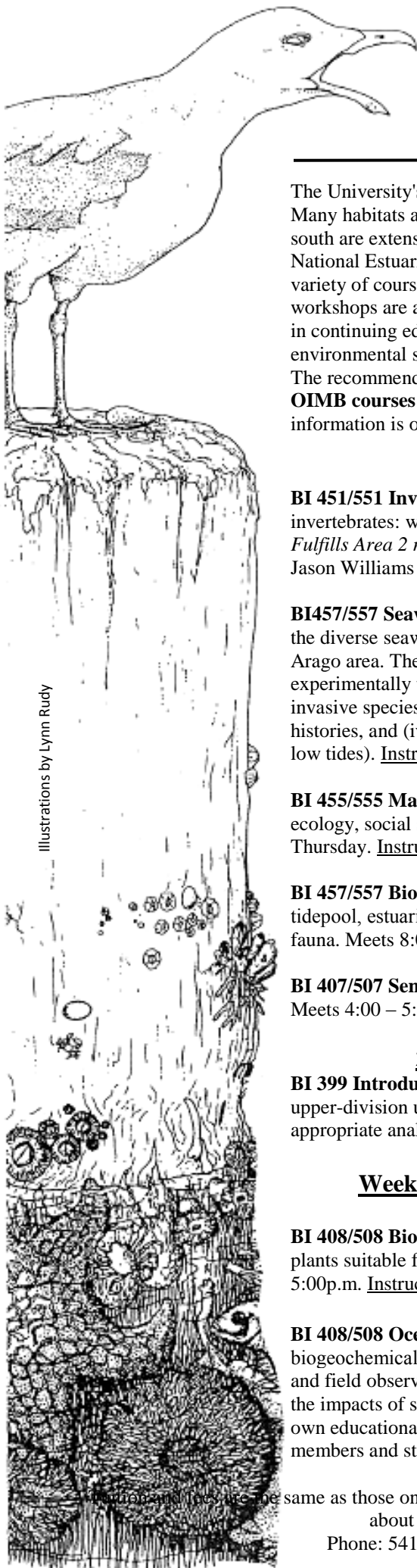
BI 408/508 Biological Illustration (2 quarter hour credits) How to produce accurate drawings of animals and plants suitable for reference, publication, or display. No prior experience is necessary. Meets 8:00a.m. - 5:00p.m. Instructor: John Megahan

July 15 – 16 and July 22 – 23, 2017

BI 408/508 Ocean Acidification (2 quarter hour credits) A course to introduce students to the dynamic biogeochemical shifts in the world's oceans and specifically along the Southern Oregon Coast through lectures and field observations. Students will learn more about developing and implementing experiments to explore the impacts of seawater acidification. Students will then use this knowledge and experience to develop their own educational outreach materials to share what they have learned about in this course with local community members and stakeholders. Meets 8:00am – 5:00pm. Instructor: Julie Schram

Room and board are the same as those on main campus. Room and board is \$224/week *subject to fee increases*. 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 "2017 Summer Application" in the subject.

*After May 30 please call OIMB: 541-888-2581 or email Tammy to check if courses have openings.

Non-UO students must first register with UO and obtain a student ID number (visit: <http://cep.uoregon.edu/> or call admissions at 541-346-3201)

Name: _____ Date of Birth: _____ Age: _____

Current Address: _____

Address good through (date): _____

Permanent Address: _____

Current Phone: _____ Permanent Phone: _____ Email address: _____

APPLICATION FOR 2017 SUMMER COURSES

If you are not a University of Oregon student, please send a copy of your transcript.

UO ID number: _____

Course Number	Course Title	Note whether you plan to take the course for undergraduate or graduate credit	Undergrad Credit	Grad Credit
1.				
2.				
3.				
4.				
5.				

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.

