

**SPRING TERM AT THE
OREGON INSTITUTE OF MARINE BIOLOGY**
<http://www.uoregon.edu/~oimb>

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 over 40 miles of sandy beaches, and to the south are extensive rocky shores. The laboratory is at the entrance to Coos Bay, and estuarine and open ocean habitats are only minutes away. OIMB is adjacent to the South Slough National Estuarine Research Reserve. Spring term courses take advantage of these opportunities. Classes are small, meet all day, and have 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, and first year graduate students majoring in marine biology, biology, general science, environmental science, and environmental studies. Field trips and lab activities are emphasized.

The courses fulfill requirements for UO undergraduates. Students must have completed either BI 211 - 213 or BI 251 – 253 or an equivalent core sequence in biology. UO students register using DuckWeb, non-UO students can use a guest registration found on the OIMB web page. Information on OIMB Scholarships is posted on the OIMB web page; scholarship deadlines for spring term are March 1.

Courses meet one (BI390 and BI 457) or two days (BI 451)/week and do not overlap. Each course has a lecture section on Friday. Seminar is held at 3.30 on Friday.

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. Alan Shanks.

BI 401 Undergraduate Research (2 – 10 quarter hour credits) Students conduct a research project under the direction of an OIMB faculty member. Research interests of the faculty can be found at <http://www.uoregon.edu/~oimb/faculty.htm>. Email the person with whom you wish to work to arrange for registration. Limit 8 students.

BI 451/551 Invertebrate Biology. (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. Richard Emler and Nora Terwilliger.

BI 457/557 Marine Biology: Comparative Embryology and Larval Biology (5 quarter hour credits) A comparative survey of embryonic development, larval forms and larval ecology across all of the marine invertebrate phyla. Students explore the rich and colorful diversity of marine larvae by culturing dozens of representative species in the laboratory. Lab and field experiments introduce methods for studying ecological aspects of early life-history biology, including fertilization success, gametogenic synchrony, life-history evolution, and the dispersal, nutrition, behavior, orientation, and settlement of larvae. Svetlana Maslakova.

BI 407/507 Seminar: Marine Biology (2 quarter hour credits) Speakers from a number of different Universities present their research interests.

OIMB INFORMATION

Tuition and fees are the same as those on main campus. Room and board is \$145/week. To apply for courses and room and board 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: 541-888-2581. Further details of these courses can be found at <http://www.uoregon.edu/~oimb>

APPLICATION

Return completed application to the Oregon Institute of Marine Biology, PO Box 5389, Charleston, OR 97420
Applications are reviewed on a rolling basis until courses are full. UO students can register using DuckWeb.

NAME _____

MAJOR _____ Graduate/Undergraduate (circle appropriate) Year in school: SOPH JUN SEN

AGE _____ UO ID Number _____ Telephone _____

Home
Address _____

School
Address _____

E-mail Address _____

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

Do you want information on OIMB Fellowships? Yes No **The deadline for applications is March 1.**

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: <http://registrar.uoregon.edu/common/tuition/tuitionrates.htm>

Please check below the courses you wish to take at OIMB. The recommended course load is 14 -16 credits. All courses meet for one full day and do not overlap. Seminar is at 3.30 on Friday.

BI 390 Animal Behavior (4 credits) _____

BI 401 Undergraduate Research (2-10 credits) _____
Faculty member who has agreed to sponsor your research _____

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

BI 451/551 Invertebrate Zoology (8 credits) _____

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