



BIOLOGICAL OCEANOGRAPHY

(OC 440) CRN: 74560

**Plus...Undergraduate Research Credit in Marine and Estuarine Research
(OC401/CRN: 74636 - OC 410/CRN: 74562)**

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**OC 440 – Biological Oceanography
4 Credits (T/TH – 1-6 PM, Jul 23 – August 17)**

An advanced examination of the ocean as an ecosystem with emphasis on the processes affecting the production and structure of oceanic communities. Starting with the physical and chemical characteristics of the ocean environment, lectures and labs examine the flow of energy and matter from primary producers through primary consumers up to higher trophic levels. Microbial and benthic processes are examined. Current topics, such as hypoxia, ocean acidification and harmful algal blooms are discussed.



For more information: HMSC Academic Programs 541-867-0380 or hmscacademic@oregonstate.edu.

<http://hmsc.oregonstate.edu/summer>