

BIOL S-74. Marine Biology (CRN: 30014)

Ron J. Etter PhD, Professor of Biology, University of Massachusetts, Boston

This is a general overview of marine biology designed to introduce students to the biology, ecology, and physiology of marine organisms. Topics will include the effects of currents, tides, and waves on marine organisms; the diversity and ecology of the major groups of organisms inhabiting the seas, including plants, invertebrates, fish, and mammals; the ecology of the major oceanic biomes such as coral reefs, the deep sea, and the intertidal zone; contemporary research in marine biology; the use of underwater habitats and submersibles in underwater research; and problems of marine pollution. Students participate in weekly laboratory sessions working with live material and field trips to the Marine Science Center and the New England Aquarium.