

Come join us for

Plankton Biology, Dauphin Island Marine Lab

May 15-26, 2017. 2 credits BIOL 4585

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Register at disl.org and in Biology with Dr. Moss

<http://www.disl.org/university-programs>



We examine the nanoplankton, phytoplankton, zooplankton, with emphasis on the common late spring plankters (jellyfish, salps, ctenophores, siphonophores and more) copepods and planktonic larvae. Two off-shore field trips and two or more shoreside trips to different coastal environments. You will identify, assay and quantify plankton using classic and modern techniques. You will study invasive plankton, the microbial loop, and discuss the 'Jelly World' concept and the impact of humans on the marine environment with specific attention to the effects on plankton, hypoxic zones, explosive blooms and impacts on coastal fisheries.

You will keep a detailed notebook and give a presentation of your favorite planktonic organism. Two required texts; additional material will come from papers and monographs made available in the classroom and lab.

Prerequisites: Principles of Biology and Organismic Biology or equivalent.

