MASC 444: MARINE PHYTOPLANKTON
a new course offered by the UNC department of marine sciences

who: undergraduate science majors and graduate students
when: fall semester 2012
time: MWF 11-11:50am
where: Greenlaw 222
instructor: Dr. Adrian Marchetti

This course will introduce students to the biology of marine photosynthetic protists and cyanobacteria, identifying and classifying phytoplankton from marine and estuarine habitats and recognizing the role phytoplankton play in ocean biogeochemical cycles.

Topics to be covered include:

• phytoplankton evolution, biodiversity and phylogeny, structure and function, and genomics
• the role of phytoplankton in the marine environment
• harmful algal blooms
• commercial products derived from phytoplankton including biofuels
• climate change effects on phytoplankton

For more information, go to http://marchettilab.web.unc.edu/courses or e-mail the instructor at amarchetti@unc.edu