

## Syllabus for SIO 290 Marine Organisms (Course coordinator -- N. D. Holland)

Offered Winter and Spring; may not be taken in parts. Required core course for SIO PhD candidates in marine biology (PhD candidates in other SIO curricular groups are permitted to take the course but are not required to do so. Because of the laboratory part of the course, materials and facilities are limited: therefore, other categories of students cannot take the course. For those attending, auditing is not allowed, and the course must be taken for a letter grade, which is based on a laboratory practical exam at the end of each quarter. The tree of life (appropriately pruned to be relevant to ocean life) structures the course. The general progression of topics goes: virus, prokaryotes, photosynthetic and autotrophic microeukaryotes, metaphytes, invertebrates, and vertebrates. The labs (3 hours each Friday) alternate with lectures (2 hours each Wednesday).