AMP 536. Modeling of Physical-Biological Interactions. 3 Credit Hours.
The course is designed to teach students the basics components for
building coupled physical biological models. Students will be able to
understand the processes affecting from low- to high-trophic level
organisms in the planktonic environment. Emphasis will be given on
numerical simulations of mechanisms involved in: Plankton distribution
and patchiness; Trophic interactions (NPZD); Larval behavior and
transport; Marine population connectivity.

Components: LEC.
Grading: GRD.
Typically Offered: Spring.