APPLIED MARINE PHYSICS (AMP)

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.