

ATOC 666. TOPICS IN OCEAN CIRCULATION.

Credits: 3

Offered by: Atmospheric & Oceanic Sciences (Graduate Studies)

This course is not offered this catalogue year.

Description

Recent observations of mesoscale and large-scale ocean circulation. Inverse methods and their application to tracer distributions and deep ocean circulation. Review of modern theoretical developments such as geostrophic turbulence, homogenization of potential vorticity, ventilated thermoclines, wind and buoyancy driven ocean circulation models, and coupled ice-ocean circulation models.

• 3 hours

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