

Selected topics in surface ocean - lower atmosphere science – 2 credits

Course Number: 224.4992

Lecturer: Dr. Yoav Lehahn

Lecturer's Contact Information: email: yleahn@univ.haifa.ac.il

Course Type: Lecture/Students presentations

Course Level: The course is open to students from all the school's departments.

Prerequisites: No

Course Description:

Some of the most important processes within the climate system occur in a narrow zone centered at the ocean-atmosphere interface, where the transport of material, momentum, and energy takes place. The study of these processes is interdisciplinary in nature, often requiring understating of the physics, chemistry, and biology of the aquatic and atmospheric media. The objective of this course is to expose the students to major challenges and recent advancements in the study of the surface ocean–lower atmosphere interface. The course will include a number of introductory lectures, followed by students' presentations of selected topics.

Grading: Reading assignments (30%), students' lectures during the semester (70%).