

227.4007 –The Mediterranean A
Semester A, 2020-21

Time: Mon 10:15-12:00

Instructor: Dr. Tamar Lotan and Dr. Revital Bookman

Office Hours:

Dr. Tamar Lotan Mon 14:00-15:00, Room 265, Phone 8240034, email-
lotant@univ.haifa.ac.il

Dr. Revital Bookman Mon 9:00-10:00 Room 268, phone 8248972 email-
rbookman@univ.haifa.ac.il

Course Type: Lecture and a tour

Course Level: MA, MSc

Pre-Requisites: None

Course Overview:

"The Mediterranean" course will discuss current topics relating to the Mediterranean, from natural sciences, through the humanities and social sciences, to politics and current-day policies. During the semester, we will discuss ports, marine transportation, technologies and their impact and gas and oil exploration. The students will be updated with the current studies performed in Mediterranean by the Israeli community. Special emphasis will be given to hydrocarbon explorations in the South-Eastern Mediterranean and their implications to the social structure of developed and developing countries, and their environmental impacts. In addition to the lectures, the course will include a half a day field trip. Due to the interdisciplinary nature of the course, the students will be able to observe different dynamic processes in a holistic perspective that integrates information from a wide environmental perspective. Each lecture will be given by an expert in the field, and will be accompanied by required reading material.

Topics:

1. Formation and structure of the Mediterranean basin
2. The usage of robotic vehicles and Marine Observatory for studying the Mediterranean
3. Ships in the Ancient Mediterranean and today global trade in the shipping industry
4. The economic valuation of marine ecosystem services
5. Economic water and its legal aspects
6. Maritime activities and environmental challenges
7. Gas and oil systems and exploration in the Mediterranean

8. The “Resource Curse” Phenomenon
9. The interplay between energy security and foreign policy

At the end of the course students will be able to:

1. Understand the Mediterranean region in a wide holistic perspective that integrates different disciplines from natural, social and humanities sciences.
2. Gain scientific knowledge and tools for understanding natural and anthropogenic marine processes in the Mediterranean environment.
3. Integrate geological processes with their implication on social and economic fields.
4. Assess the implications of marine transportation on social aspects in the Mediterranean region.
5. Will be updated with current marine technologies available for scientific research.
6. Will develop the awareness to the benefits and consequences of industrial activities taking place in the eastern Mediterranean.

Requirements: Attendance, homework assignments, written project

Grading:

Homework assignments 20%

Written projects 80%

Website: [Moodle](#)