



Full Syllabus



Course Title

Colloquium: Global Environmental Issues

Lecturer

Dr. Alon Shepon

Semester

Annual

Course requirements

This course is designed to enrich the program of studies by giving students an opportunity to hear from a wide range of guest speakers on environmental issues. The course increases students' familiarity with additional environmental issues, and environmental researchers and organizations.

Attendance of at least 10 lectures per semester is compulsory to complete the course.

Students may attend up to 4 lectures related to environmental issues of their choice in exchange for those offered by the seminar, at TAU (or outside) over the course of the year. Many environmental conferences and lectures take place in English in our department and other TAU departments, and other venues. Relevant events will be advertised via the program, and students are free to attend other events they hear about.

To confirm attendance to those external lectures students should submit:

- A one-page summary including the topic of the lecture, name of the presenter, date, the main points covered and connections with other topics/courses being studied by the student in the program.
- A copy of the conference/event program including details of the organizers and venue.

Students must submit a detailed list of all lectures attended (internal and external), including dates and topics by the end of the second semester, on June 26, 2023 to Lee Mori (international program) or Dorit Landman (non-international students).

Final grade components

Final Grading in the course will be Participated and Fulfilled Course Requirements (210) **or** Fail.

Course schedule

Class no. / Date	Subject	Lecturer
1. 13/3/23	No seminar	
2. 20/3/23	Transformation and Corresponding Toxicity of Micro- and Nano-Plastic in the Aquatic Environment	Andrey Ethan Rubin
3. 27/3/23	Not only soil organic matter; effect of alternative fuels adaptation and increasing soil carbon on soil greenhouse gases emissions and atmospheric carbon balance.	Ilia Gelfand
4. 17/4/23	The legal case for rights of Nature	Amnon Keren



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5. 24/4/23	Heat: a history	On Barak
6. 1/5/23	Threats to meeting Energy Security in Israel in 2050	Dror Burshtein
7. 8/5/23	Food security in a historical perspective	Tal Ulus
8. 15/5/23	TBA	Alik Perlman
9. 22/5/23	rebound effects in digital food sharing platforms	Tamar Meshulam
10. 29/5/23	economics and resource usage	Ohad Raveh
11. 5/6/23	Artificial Light at Night (ALAN) alternating coral physiology lifestyle.	Inbal Ayalon
12. 12/6/23	The impact of spatial properties on the social functions of neighborhood green POS (Public Open Spaces)	Rina Magen
13. 19/6/23	Environmental impact of ancient copper extraction in Timna Valley, southern Israel	Erez Ben Yosef
14. 26/6/23	Is littering acceptable? Characterizing the factors of littering in nature sites and open parks in Israel	Naama Lev

Required course reading

The lecture abstract sent before the class.

Optional course reading

Comments

Dates and lecturers are subject to changes. Final details of the lectures will be published a week before the class.