



# Full Syllabus



## Course Title

Climate Change

## Lecturer

Prof. Colin Price

## Semester

A

## Course requirements

Online Course, weekly video viewing + weekly reading of paper

## Final grade components

100% exam (70% based on lectures, 30% on weekly readings)

## Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	Global Warming introduction
2	Past Climate Changes (not included in exam material this year)
3	Solar impacts in Climate
4	Earth's temperature
5	Hydrological Cycle
6	Clouds and Climate
7	Winds and Circulation
8	Oceans and Climate
9	Ice and Climate
10	Vegetation and Climate
11	Volcanoes and Climate (not included in exam material this year)
12	Future Predictions
13	Solutions for Global Warming

## Course material

All videos, presentations and reading assignments at: <https://moodle.tau.ac.il/>

## Compulsory and Optional Face-to-Face meetings

Three in-class meetings with Prof. Price.  
 1st meeting – 4.01.24 – **attendance is mandatory**; 2nd meeting – 8.02.24 - attendance is optional; 3rd meeting – 14.03.24 - attendance is optional.  
 All sessions with Prof. Price will be held between 08:30-10:00 in classroom No. 101, Porter building.