



Announcement of Lectures and Exercises

**Global Climate dynamics**  
(Master Module P4)

- Lecturers: Johannes Quaas (Lectures)  
Jan Kretzschmar (Exercises)
- Location: On-line at <https://lecture.uni-leipzig.de/b/qua-7sn-6gc-6hr>  
Seminar room, Vor dem Hospitaltore 1
- Time: Wednesday 9.15 – 10.45 h (Lectures)  
Wednesday 11.00 – 11.45 h (Exercises)
- Start: Wednesday 21. April 2021 (Lectures)  
Wednesday 28. April 2021 (Exercises)
- Topics: Atmospheric and oceanic large-scale circulation, energy cycles,  
Coupling of energy and water cycles, climate feedbacks, physics of  
climate change
- Module exam: Oral exams (30 min.; individual appointments in the week 26 to 30 July)
- Literature: Peixoto and Oort, Physics of Climate, Springer, 2007, 564pp.  
Holton, An Introduction to Dynamic Meteorology, Elsevier Academic Press,  
2004, 535pp.  
Emanuel, Atmospheric Convection, Oxford University Press, 1994, 492pp.