

# Lectures 4 Future (SS2022)

## Lecture Series about Climate Crisis and Sustainability (1 ECTS)

State: 05.03.2022

The lectures in this series are open to anyone interested. They are broadcasted online via Livestream and can be looked up at any time. Youtube channel of Scientists for Future AT:

<https://www.youtube.com/channel/UCA75BdEb0XCw8ZhjCZ9hBSQ/>

### Overall course information

The climate crisis is by far the greatest challenge that our society will have to face in the coming years – even if it is far from being perceived as such in politics and society. There are extensive scientific analyzes and data that prove that over the past decades human activities have contributed significantly to the greenhouse effect. Several planetary boundaries of the earth are already exceeded. These and other topics will be discussed in this semester by 8 experts from various fields of research. They address the current situation regarding climate change and present approaches to make our lives more sustainable in order to significantly reduce the consequences for our planet.

### Course description

We see it as our duty to bring this topic closer to students and to make them understand the urgency of the problems. For this purpose, the students should critically think about climate crisis and sustainability in this course.

For this purpose, we planned this lecture series that deals with a wide range of problems that affect the climate crisis. However, all lectures are also designed for a broader public and will also appear on the Scientists for Future YouTube channel: <https://www.youtube.com/channel/UCA75BdEb0XCw8ZhjCZ9hBSQ/>.

The lectures will be held online as a zoom meeting or as a hybrid event with a face-to-face lecture, depending on the lecturer's options.

### Preliminary schedule and topics

In this term, there will be 8 English lectures. **The scheduled time of the lecture is always 6:00 p.m.**

- 7.3.2022: "BASEhabitat – Architecture for Change" by Univ.-Prof. Dr. Siegfried Atteneder (University of Art and Design Linz)
- 21.3.2022: "System Dynamics for Future?" by Dr.in Nathalie Spittler (BOKU)
- 4.4.2022
- 2.5.2022

- 16.5.2022
- 30.5.2022: Ass. Prof.in Dr.in Isolde Reichel
- 13.6.2022
- 20.6.2022 (with an end-of-term party)

Here is an overview and more information: <https://at.scientists4future.org/oberoesterreich/lectures4future-ooe/>.

## Assessment

**In order to successfully complete the course, participation in at least three presentations and submission of an additional project is mandatory (for details see below). The project can also be submitted in German.**

The LVA is graded on the basis of a critical examination of the topic of climate crisis and sustainability, but the student´s work should always be related to one or more lectures. The additional project can be done very freely:

- in writing with approx. 1000 to 1500 words (max. 5 pages)
- as a video, audio content (e.g. podcast), multimedia presentation, etc. (approx. five minutes of video / audio content, after consultation with the LVA management)
- “Group projects” appropriate to the lecture topic, surveys, initiatives, programs, school fees, teaching ideas, etc. (after consultation with the LVA management)

Possible approaches or focuses are:

- Choose a lecture and establish a reference to your own field of study. Include 1-2 scientific references.
- Choose a lecture and analyze its content. Find and discuss scientific reference. We may be able to arrange a meeting with the lecturer.
- Discuss more lectures and work out possible connections, contexts, or contradictions.
- A more personal approach is also possible: What topics have you found to be particularly important according to your experiences in relation to sustainability in the last approx. 3 months? Which competencies could you develop by attending the lectures? What specific findings and options for action will result from your participation in the course?
- Cooperation with S4F via “**Community Service**”: Social media and website contributions, research of academic papers, surveys of students, etc. (Also in German!)

All work should be backed up with references and scientific facts! Plagiarism will not be accepted and will automatically lead to failing the course!

The students’ texts can also be published on the S4F website and thus initiate a critical discourse on the topic. It would be very useful as feedback for the speakers. An outlook can also be used to indicate which other topics could be relevant and important.

## Contact

**Dr. Martin Hoffmann** ( [martin.hoffmann@jku.at](mailto:martin.hoffmann@jku.at) ) is Lecturer at the Johannes Kepler University Linz, theoretical physicist, active for Scientists for Future (coordinator of the regional group Upper Austria and a member of the national coordination team) and Secretary General for the Club of Rome - Austrian Chapter.



## Scientists for Future

The members of S4F work mainly on a voluntary basis to ensure that the discussion on the climate crisis and sustainability is backed up with scientific facts. For this we need everyone's support and we look forward to the spread of our information and ideas. The regional group in Upper Austria can be reached here:

Facebook: <https://www.facebook.com/S4F.linz.00E>

Instagram: [https://www.instagram.com/scientists4future\\_ooe](https://www.instagram.com/scientists4future_ooe)

Website: <https://at.scientists4future.org/oberoesterreich/>