

Lectures 4 Future (SS2021)

Lecture Series about Climate Crisis and Sustainability (1 ECTS)

State: 22.02.2021

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/>

Allgemeine Informationen

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.

Lehrveranstaltung

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

This term we have 4 German and 4 English lectures. **The time is always 6:00 p.m.**

- 15.03.2021 (EN): "Klimawandel und Gesundheit - das Triple Benefit Principle" by Klaus Renoldner
- 29.03.2021 (EN): "Changing CO2 - From climate killer to new resources" by Wolfgang Schöfberger
- 12.04.2021 (DE): "Fleisch im 'Anthropozän': Eine Rückschau in vorausschauender Absicht" by Ernst Langthaler
- 26.04.2021 (DE): "Nachhaltige Logistik" by Lisa-Maria Putz

- 17.05.2021 (DE): “Gesellschaftliche Ideen von Jane Bennett und Donna Haraway” by Aloisia Moser
- 31.05.2021 (EN): “Lernen, lehren und forschen wir richtig? Die Rolle von Universitäten für eine nachhaltige Entwicklung” by Lisa Bohunovsky
- 14.06.2021 (DE): “Wie sich die sozial-ökologische Transformation (ohne Staatsverschuldung) finanzieren ließe” by Enrico Schicketanz
- 28.06.2021 (EN): “Will there be enough water in the future to feed us all?” by Wouter Dorigo
- 30.07.2021 23:59 Uhr: Deadline final work.

Here is an overview and more information: <https://s4f.jku.at/lectures4future>.

Bewertung

In order to successfully complete the course, participation in at least three presentations and submission of a seminar work is mandatory (for details see below).

The LVA is graded on the basis of a critical examination of the topic of climate crisis and sustainability, but should always be related to one or more lectures. Possible approaches or focuses are:

- Choose a lecture and establish a reference to your own subject. Find 1-2 scientific references and include it.
- Choose a lecture and analyze its content. Find and discuss scientific reference. We may be able to arrange a meeting with the lecturer.
- A discussion of more lectures to work out possible connections and contexts, possibly also contradictions.
- It would also be possible to refer to another lecture of the student’s choice (after consultation with the LVA management).
- But a more private perspective is also possible. What topics have you found to be particularly important due to experiences / challenges in relation to sustainability in the last approx. 3 months? Which own competencies were perceived at the beginning of the participation and what has developed further through being there? What specific findings and options for action will result from this?

If only one lecture is particularly considered in the work, a brief summary of the other lectures should make clear that they have all been seen. 3-4 recommendations for action for regional, national or international politics are conceivable for all topics.

The implementation can be done very freely:

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

All work should be backed up with references and scientific facts! Plagiarism will not be accepted and will automatically fail!

It would also be possible to publish the students' texts on our 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.

Kontakt

Dr. Martin Hoffmann (Raum P231, martin.hoffmann@jku.at) is university assisntent at the Institute for Theoretical Physics and spokesperson for Scientists for Future Oberösterreich.



Scientists for Future

The 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

Website: <http://s4f.jku.at/>