

SEMINAR: INTRODUCTION INTO SUSTAINABLE BIOECONOMICS

COURSE ANNOUNCEMENT WINTER SEMESTER 2022/23

Dr. Jan-Hendrik Kamlage

Participation:	Participation is limited to students of the bachelor program “Management & Economics”.
Study programme:	Bachelor study programme
Format:	Face-to-face is the chosen format. There is also still the possibility that the seminar has to switch from face-to-face to an online setting due to the dynamic pandemic situation or the current energy crisis. Please consider the information provided in Moodle!
Location:	GD 03/158, or alternatively as online meeting via Zoom
Time:	Wednesday, 10:00 – 11:30 am
Beginning:	Wed, 12.10.2022 (first session)
Ending:	Wed, 01.02.2023 (final session)
Registration:	Via FlexNow (An- und Abmeldung: 12.12.2022 – 06.01.2023)
Deadline Exam:	17.03.2023, 11:59 PM
Moodle-Course:	(073093) Introduction into Sustainable Bioeconomics (WiSe22/23)
Contact:	Dr. Jan-Hendrik Kamlage, jan-hendrik.kamlage@rub.de Dennis Arnold, dennis.arnold@rub.de

LEARNING OUTCOMES AND CONTENT

This seminar aims at presenting orientational knowledge and guidance in the emerging field of sustainable bioeconomy. In addition, students get to know and learn basic skills in analysing and assessing a crucial and complex field of sustainable transformation.

Students will:

- Gain basic knowledge and understanding of ecological challenges and interdisciplinary concepts of a sustainable bioeconomy,
- Learn about their chances, risks and consequences of these different concepts,
- Acquire practical skills of collaborative work and applying interactive methods.

In the lecture, students get an introduction into the different concepts and areas of sustainable bioeconomy. We present and analyse:

- the terminologies and meanings of multidimensional concepts (for example sustainable consumption and circular economy),
- chances, risks such as consequences of innovations and technologies in the field,
- possible future pathways of the bioeconomy development.

The in-class lectures are meant to be highly interactive by applying and discussing material, which will be provided by the online lectures.

The sessions are designed as hands-on sessions, in which students learn interdisciplinary and systemic thinking in the field of bioeconomy.

MODE OF ASSESSMENT & REQUIREMENTS

Students need to pass:

- a) The Mid-Term Exam
- b) Final Exam (100% of the final grade)

The examination requirement will be a **scientific essay (Final Exam)**. The students are asked to prepare an essay with 1.800 to 2.000 words. The respective topic will be selected freely by the students. In doing so, the students have to take up and address one of the topics dealt with in the seminar. At the beginning of the seminar the students are obliged to select their topic.

Deadline submission of the essay: 17.03.2023, 11:59 PM

The work has to be sent as a PDF document to dennis.arnold@rub.de. Please always include name and also your matriculation number in the documents you hand in/submit!

In addition to the Final Exam it is also required that each student is assigned to fulfil certain tasks like writing protocols, preparing small presentation for a session or does a research on a specific topic linked to the overall topic of this seminar.

Further information and a detailed schedule of the seminar can be found in the Moodle-Course. If there are any changes, they will be announced in the Moodle course. Please check your emails regularly as well as the Moodle course for changes!