

SEMINAR: INTRODUCTION INTO SUSTAINABLE BIOECONOMICS

COURSE ANNOUNCEMENT SOMMERSEMESTER 2022

Dr. Jan-Hendrik Kamlage

Participation:	Participation is limited to students of the bachelor program Management & Economics. The number of participants is limited to 30 persons. The seminar is specified as an online event due to the pandemic situation. If there is the possibility, there will also be face-to-face sessions. Please note that the participation in presence requires that you are vaccinated, recovered or tested (3G). This has to be proven in each session Please consider the information provided in Moodle!
Location:	GD 02/236, or alternatively as online meeting via Zoom
Time:	Wednesday, 10:00 – 11:30 am
Beginning:	06.04.2022 (first session)
Ending:	13.07.2022 (final session)
Registration:	Via FlexNow (01.04.22 – 05.04.22)
Moodle-Course:	(073 093) Introduction into Sustainable Bioeconomics SoSe 2022
Contact:	Dr. Jan-Hendrik Kamlage, jan-hendrik.kamlage@rub.de Dennis Arnold, dennis.arnold@rub.de

LEARNING OUTCOMES AND CONTENT

This module 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 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) and its different areas; chances, risks such as consequences of relevant technologies and innovations in the field; possible future pathways of the bioeconomy.

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 must pass:

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

The examination requirement will be a take-home-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 sessions. At the beginning of the seminar the students are obliged to determine their topic. The deadline for submission will be the last session of the seminar. The work has to be send 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, each participant take minutes in one of the sessions, and/or prepare an impulse for the sessions as a course credit. Further information on this will be posted in the Moodle course.

SCHEDULE

Date	Topic	Note/Information
06.04.2022	Introduction into Sustainable Bioeconomy (1)	
13.04.2022	Introduction into Sustainable Bioeconomy (2): Great challenges	
20.04.2022	Introduction into Sustainable Bioeconomy: Concepts & Expectations	
27.04.2022	Transformation, Interdisciplinarity and post normal science	
04.05.2022	Origins of Bioeconomy (Part 1)	
11.05.2022	Origins of Bioeconomy (Part 2)	
18.05.2022	Circular Bioeconomy (Part 1) Introduction	
25.05.2022	Circular Bioeconomy (Part 2)	
01.06.2022	Tensions and Trade-offs in Bioeconomy	
04.-12.06.	Pfingstferien	
15.06.2022	Consumer in the Bioeconomy (1)	
22.06.2022	Regional concepts of Circular Bioeconomy	
29.06.2022	tba	
06.07.2022	Summary of seminar	
13.07.2022	tba	

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!