

ELLS Summer School on Bioeconomy 2021

Schedule Overview

E-Learning Period

Mon, 5 July – Sun, 8 Aug.

Five-weeks E-Learning course

General information on bioeconomy, regional strategies and information for preparation of the scientific group posters

1st Week – Lectures, Excursions and Poster Sessions

Monday, 16 Aug.

9:00 – 11:30

Welcome, Introduction of BOKU and participants

Organizational matters and schedule afterwards

Coffee Break

11:30 – 12:30

BOKU Centre for Bioeconomy

Dr Martin Greimel, University of Natural Resources and Life Sciences, Vienna (BOKU)

Lunch at Café Mendel

13:30 – 15:30

Sustainability and Circular Bioeconomy

Nina Drejerska, Warsaw University of Life Sciences (WULS – SGGW)

Perspectives of economics and management

15:30 – 17:00

Campus tour and Türkenschanzpark

Tuesday, 17 Aug.

9:00 – 11:00

Bioeconomy in the EU

Dr Martin Greimel, University of Natural Resources and Life Sciences, Vienna (BOKU)

Coffee Break

11:30 – 13:30

Field Crop Production

Prof Hans-Peter Kaul, University of Natural Resources and Life Sciences, Vienna (BOKU)

Principles of primary production

Lunch at Café Mendel

14:30 – 16:30

Carbohydrates

Prof Christian Zörb, University of Hohenheim (UHOH)

Wednesday, 18 Aug.

9:00 – 11:00 **Definition and Main Problems of Forest Bioeconomics**
Prof Martin Weih, Swedish University of Agricultural Sciences (SLU)
Current situation in Sweden, with particular focus on Salix grown for biomass on agricultural land

Coffee Break

11:30 – 13:30 **Focus and Goals of Forest Bioeconomy**
Prof Miroslav Hajek, Czech University of Life Sciences Prague (CZU)

Lunch at Café Mendel

14:30 – 15:30 **Recap and interactive seminar**

Starting 15:30 **Wiener Wald and vine yards + Dinner at traditional Viennese “Heurigen” restaurant**
Exploring the green areas of the city

Thursday, 19 Aug.

9:00 – 10:30 **Poster Session I**
Feedback & Discussion

Coffee Break

11:00 – 12:30 **Poster Session II.**
Feedback & Evaluation

Lunch at Café Mendel

13:30 – 14:30 **Mid-Term Evaluation**
Oral evaluation & questionnaire

Starting 15:00 **City Tour**

Friday, 20 Aug.

8:00 – 9:00 **Travel to Bruck an der Leitha**
Meeting Point at 8:00 at BOKU, Peter Jordan Straße 82, 1190 Vienna

9:00 – 12:30 **Ecoduna – algae production**
Visit of the facilities and tasting of products

Lunch

14:00 – 16:30 **Groß-Enzersdorf – BOKU experimental station on crop production**
Crops in the field and field experiments

2nd Week – Lectures, Excursions and Exam

Monday, 23 Aug.

8:00 – 09:00	Travel to Tulln <i>Meeting Point at 07:50, train station Heiligenstadt</i>
9:00 – 11:00	Chemistry of Renewable Resources Dr Hubert Hettegger, University of Natural Resources and Life Sciences, Vienna (BOKU) <i>Presentation of the institute, research topics and focus, with examples regarding bioeconomy</i>
11:00 – 12:00	Visit the Institute <i>Tour around the Institute of Chemistry of Renewable Resources and laboratories</i>
Lunch	
13:00 – 15:00	Tavel to Obersdorf <i>Train ride to Wolkersdorf im Weinviertel via Handelskai</i>
15:00 – 17:00	öklo – compost toilets <i>Visit at the production station, information on the company, waste management and legal situation</i>
17:00 – 18:00	Travel to Vienna

Tuesday, 24 Aug.

9:00 – 11:00	Sustainability Analysis of Biobased Chains (online) Dr Ellen Slegers, Wageningen University and Research (WUR) <i>Introduction to Life Cycle Assessments and analyzing examples of biobased chains</i>
Coffee Break	
11:30 – 13:30	Circular Food Production & Sustainability Sander Bruun, University of Copenhagen (KU), Faculty of SCIENCE <i>Circular and sustainable food systems, with a case on insect production, including footprint calculations</i>
Lunch	
14:30 – 15:00	Ethical aspects around Bioeconomy Ethik Plattform Boku, (to be confirmed)

Starting 15:30 **Livin Farms – alternative protein from insects /Blün (to be confirmed)**

Wednesday, 25 Aug.

8:00 – 09:00 **Travel to Tulln**
Meeting Point at 07:50, train station Heiligenstadt

9:00 – 11:00 **Agronomy Research**
Prof Hand-Peter Kaul, University of Natural Resources and Life Sciences, Vienna (BOKU)

Presentation of research at the Department of Crop Sciences with visit to field and lab

11:00 – 12:00 **Tour through Tulln**
Technopol

Lunch

13:00 – 16:30 **AGRANA ARIC – sugar, starch and fruit processing**

Visit of the facilities about sugar, starch and fruit processing (food and non-food) and field experiments

16:30 – 17:30 **Travel to Vienna**
Arrival at the train station Spittelau

Starting 17:30 **Dinner reservation (optional)**
Fischerbräu

Thursday, 27 Aug.

9:30 – 10:30 **Exam Preparation**
At the BOKU seminar room

10:30 – 12:30 **Exam**
Written exam with MC-Questions

Lunch at TÜWI Beisl

13:30 – 14:00 **Tavel to Schönbrunn**

14:00 – 17:30 **Schönbrunn**
Tour at the palace and in the gardens (palm and desert house)

Starting 18:00 **Farewell**
TÜWI Beisl – with food, drinks and music

Friday, 21 Aug.

10:00 – 13:30	Picnic at Türkenschanzpark + Recap of the course content + Evaluation
Starting 13:30	End of Summer School - Departure