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**University of South Bohemia – Bioeconomy
Initiative:**

<http://bei.jcu.cz>

Full details about the course:

<http://bei.jcu.cz/third-bioeconomy-course>

Facebook:

<https://www.facebook.com/bioeconomy.jcu.cz/>



University of South Bohemia
Czech Republic
Bioeconomy Initiative

Third Course on Bioeconomy

May 21–25, 2018

<http://bei.jcu.cz>

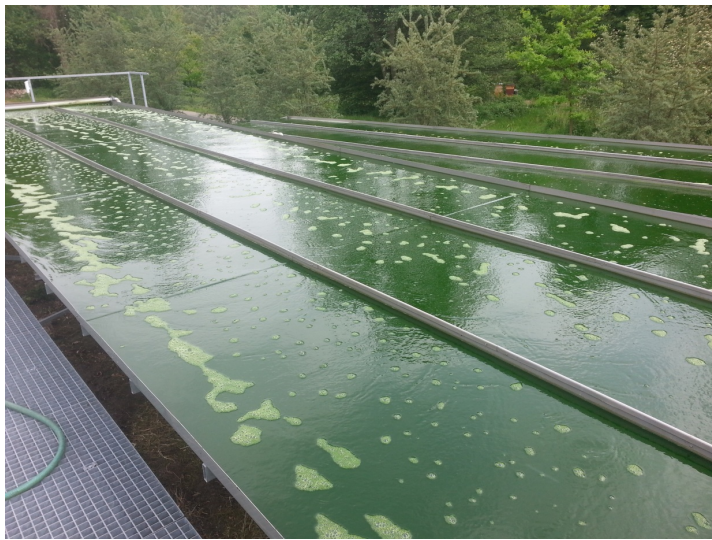
The Bioeconomy Initiative of the University of South Bohemia in České Budějovice in the Czech Republic, organizes a dedicated course on Bioeconomy on May 21–25, 2018.



The course offers multidisciplinary approach, covering a wide spectrum of topics from sciences, economy, business, law and communication and it is addressed to Master, PhD.

students and experts from various backgrounds, aiming to enhance their background in a challenging domain which currently is the flagship of the European Strategy in the domains of Innovative Research and Technology Applications.

Additionally, this course tends to provide responses to modern market demands, insisting for highly specialized individuals in the domain.



In the future, and in order to maintain competitiveness, Europe will need to ensure sufficient supplies of raw materials, energy and industrial products by not relying on fossil fuels.

This challenge can be achieved by Bioeconomy, the sustainable production of renewable resources and their conversion into food, feed, bio-based products and bioenergy, also contributing to economic growth.

SYLLABUS

- The Bioeconomy Concept
- Elements of Life Sciences and Biotechnology – Applicability to the Bioeconomy context
- Economics – Applicability to the Bioeconomy context
- Principles of Innovation
- Elements of Regulation and Governance
- Risk Analysis
- Public Perceptions and Communication
- Biomass Exploration
- Energy – Biofuels
- Biomaterials
- Environmental Issues
- Green Biotechnology Applications (Agro-food sector)
- Red Biotechnology Applications (Pharma)
- Preparation of Case Studies on Topics Given by the Industry

This course will make students familiar with the emerging concept of the Bioeconomy. This context is very much appreciated among the science, industry and policymaking groups.



Graduates will acquire the tools for strategic and critical thinking, contributing to the management and problems solving in a wide spectrum of applications.

Graduates will receive a certificate of course completion signed by the Dean of Faculty of Economics of the University of South Bohemia.

The course is free of charge – participants will cover only food and transportation costs. Official language of the course is English.