

University of South Bohemia
Bioeconomy Initiative

Dedicated Course on Bioeconomy

May 23–28, 2016

THE COURSE

The Bioeconomy Initiative of the University of South Bohemia in Ceske Budejovice in the Czech Republic, organizes a dedicated course on Bioeconomy on May 23–28, 2016.

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.

SYLLABUS

CORE

- 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

ELECTIVE

- 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

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.

OUTCOMES

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.

Online application: <http://bei.jcu.cz/forms/application-form>

KEYNOTE SPEAKERS

Dr. Alfredo Aguilar – professor emeritus at the Madrid University; member of the European Commission DG Research and head of the Bioeconomy Unit of the European Federation of Biotechnology

Prof. Patricia Osseweijer – professor at the Delft University; involved in the Bioeconomy course of Delft University and member of the board of the European Bioeconomy platform Biotic

Prof. Costas Vorgias – biochemistry professor in Athens University; head of common Bioeconomy course of the Universities in Athens and Piraeus

Assoc. Prof. Ing. Eva Cudlínová – member of the European Bioeconomy Panel; Head of the Department of Regional Management, Faculty of Economics, University of South Bohemia

Dr. George Sakellaris – Institute of Experimental Medicine, Academy of Sciences of the Czech republic; Faculty of Economics, University of South Bohemia

VENUE

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University of South Bohemia – Bioeconomy Initiative

<http://bei.jcu.cz>

Full details about the course:

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

The course is free of charge (including accommodation) – participants will cover only food and transportation costs

Official language: English

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