COURSE DETAIL

PRINCIPLES OF BIOBASED ECONOMY
Country Netherlands
Host Institution Wageningen University and Research Center
Program(s) Wageningen University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 126
UCEAP Course Suffix
UCEAP Official Title PRINCIPLES OF BIOBASED ECONOMY
UCEAP Transcript Title BIOBASED ECONOMY
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course explores how to create a sustainable future by moving away from dependence on fossil resources to biomass resources for the production of food, chemicals, and energy carriers. Microorganisms and catalysts to create biobased products are discovered and then learning how to market and sell those products within a profitable business model is reviewed. This course provides a solid foundation of relevant concepts in the biobased economy and biobased products by reviewing an introduction to biobased sciences, production of biomass, biorefining, achieving sustainability, consumer behavior, bioconversion, (bio)chemical conversion, business, logistics and supply chains, and economy and regulations.

Language(s) of Instruction
English

Host Institution Course Number
BCT23806

Host Institution Course Title
PRINCIPLES OF BIOBASED ECONOMY

Host Institution Course Details
http://studyhandbook.wur.nl/modules/BCT23806?mainTab=module&year=2022

Host Institution Campus
Wageningen University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biobased Chemistry and Technology

Course Last Reviewed
2022-2023

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