

01. BIOREFINERY ENGINEERING AND DESIGN

Venue. Leonardo da Vinci Building, University of Córdoba

Director of the course. María del Pilar Dorado Pérez (pilar.dorado@uco.es)

Dates. 20th - 29th July

Credit hours. 56,5h

Objectives. The main objective of this course is to provide the necessary training in the development, design and operation of biorefineries from the production of non-food waste from the food industry.

This prior objective can be divided into the following:

- Knowing the contributions of agro-industrial waste to meet global non-food needs.
- Knowing the technologies for the necessary development of a biorefinery and discussion of its justification.
- Practical study of the processes required to develop biorefineries selected by laboratory techniques and development of quantitative models.
- Techno-economic evaluation and analysis of the life cycle of a biorefinery in comparison with traditional refinery.

Applications deadline. 6th July 2015

Target students. Chemical engineers (graduates or last year students); graduates or last year students in chemistry, life sciences, environmental sciences, agricultural engineers and other engineering and related degrees

Number of places. 20

Registration fee. 50€

Credits recognised as training activity in the following eidA3 PhD Programs.

- AGRICULTURAL, FOOD, FORESTRY AND SUSTAINABLE RURAL DEVELOPMENT ENGINEERING

[Apply here](#)

