



MASTER ERASMUS MUNDUS BIOREF



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THE BIOREF MASTER PROGRAMME

SEMESTER 1

Bioeconomy basics and environmental basics will be delivered at the University of Troyes (France)

SEMESTER 2

The basics of biomass characterisation and production of biofuels; including lab-synthesis of biodiesel, bioethanol, biogas and waste biomass pyrolysis will be delivered at Cracow University of Technology (Poland)

SEMESTER 3

Chemical and thermochemical routes for lignocellulosic-based biorefinery at the University of Lille

OR

SEMESTER 3

Enzymatic/Microbial/Chemical Processes for an oil-based biorefinery at the University of Bari (Italy)

SEMESTER 4

Work placement or master thesis : Registration in one of the four universities



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LEARN ALL ABOUT THE BIOREFINERY IN A PROGRAMME OF EXCELLENCE



The Master's course in Biorefinery (Bioref Master) is a two-year (120 ECTS) programme, entirely taught in English and jointly operated by four universities, (the Bioref Consortium): the University of Lille, France, the University of Technology of Troyes, France, Cracow University of Technology, Poland and University of Bari Aldo Moro, Italy.

Eligible students must hold a BSc in Chemistry, Physical Chemistry, Biochemistry or equivalent; have a high academic level and good command of the English language.

The Bioref programme includes mandatory mobility of students within the Bioref Consortium, based on their choice of specialization according to our partners' expertise, and it leads to the award of multiple degree diplomas with a joint diploma supplement.



The Bioref Joint Master's course focuses on biomass farming, harvesting and transformation process to high added value molecules. The Master course will provide the highest level of knowledge in these aforementioned fields but also to bioeconomy and environmental and sustainability challenges occurring during biorefinery implementation. It will allow the students to enter directly to the labour market or follow a career in the research domain starting by a PhD.

The Bioref Master's course provides all students with various transversal skills (competencies in entrepreneurship, project management, bibliographical search and synthesis in link with industry and knowledge of REACH legislation and intellectual property issues). Additionally, during the 2 years of the programme (integration week, 4th semester research project, lab courses, theoretical course units) they will have opportunities to acquire other soft skills (intercultural communication, research experience and scientific communication, national language of their host universities) enabling them to easily adapt to their future international professional environment.





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UNTIL MARCH THE 1ST 2020!



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