ADMISSION

Each year **Bioceb** Consortium selects highly motivated students from all over the World. The application process is extremely selective and only the best candidates are admitted to the programme. Pre-admission requirements:

- BSc degree or equivalent degree of at least 180 ECTS in engineering or science including at least one discipline related to biology: biotechnology, biochemistry, microbiology, biophysics, bioprocess engineering, molecular biology. Good level in mathematics.
- Demonstrated English B2 (advanced) language proficiency level

The language of instruction of the **Bioceb** course is English with great opportunities to learn the local languages and cultures.

APPLICATION

The application is done using the online form available at www.bioceb.eu where you can find detailed information about necessary documents and submission deadlines.

With the support of the Erasmus+ Programme of the European Union

FEES

- €9,000/year for non-EU students
- €4,500/year for EU students

ERASMUS MUNDUS SCHOLARSHIP

The European Commission offers several Erasmus Mundus Scholarships for the very best candidates. The scholarship covers the subscription fees and contribute to the travel costs and subsistence costs (€1,000 per month) for EU and non-EU students.

BIOCEB PARTNERS

Bioceb is supported by an international network of 21 strategic partners from academic, research and industrial world, which participates to courses and offers internship opportunities:

LNEG, LESAFFRE, estoniancell AS ESTONIAN CELL, NEOMA BUSINESS SCHOOL, VTT, Rensselaer, INRAE, GREEN WIN FROM INNOVATION TO BUSINESS, TFTAK CENTER OF FOOD AND FERMENTATION TECHNOLOGIES, MONASH University, ArterraBioscience, Suez Canal University, UNIVERSITÉ DE SHERBROOKE, CityU 香港城市大學 City University of Hong Kong, BIOECONOMY FOR CHANGE, NIBIO NORWEGIAN INSTITUTE OF BIOECONOMY RESEARCH, GLOBAL BIOENERGIES, UNIVERSIDAD NACIONAL DE COLOMBIA SEDE MANIZALES, SRUC, UnB

CONTACT US

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Bioceb

European Master in Biological and Chemical Engineering for a Sustainable Bioeconomy

Erasmus Mundus Joint Master Degree

Erasmus+ www.bioceb.eu

The **Erasmus Mundus Joint Master Degree (EMJMD) Bioceb** is a 2-year international programme in **Biological and Chemical Engineering for a Sustainable Bioeconomy**, with a core in-depth training in biotechnology encompassing biological resource diversity and optimal use, bioprocess design and upscaling, and biobased products engineering for targeted markets.

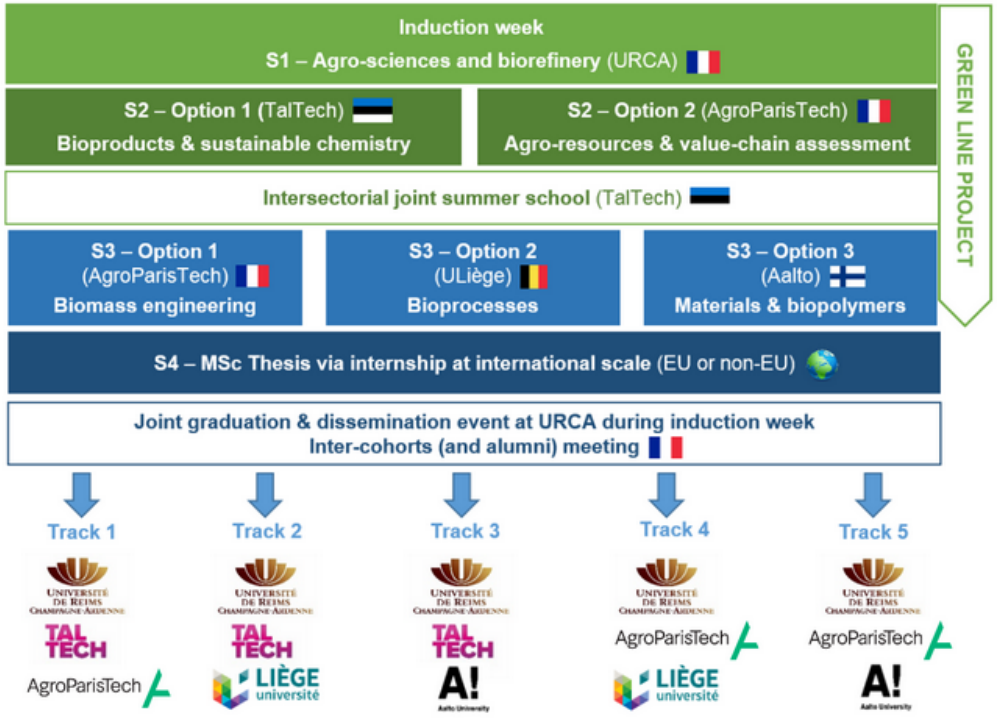
Bioceb is part of the **elite Erasmus Mundus** Programme, renowned for its academic excellence and international mobility.

WHY CHOOSE BIOCEB?

- **Undertake** a world class education in English in a top-quality and multidisciplinary master's programme
- **Gain** ability to implement systemic and cross-cutting approaches related to innovation and entrepreneurship
- **Shape** a unique profile through academic excellence and interaction with industry
- **Develop** your own individualised path together with highly marketable skills such as team management, leadership and intercultural understanding
- **Get** an international networks and perspectives of international career in research R&D, innovation management or knowledge transfer, for both private and public sectors

BIOCEB CONSORTIUM UNIVERSITIES

The **Bioceb** programme is offered by a consortium of five **top-ranked European universities** from **France**, **Finland**, **Estonia** and **Belgium**.



Track 1: Bioproducts, green chemistry, biomass engineering
Track 2: Bioproducts, green chemistry, bioprocesses
Track 3: Bioproducts, green chemistry, materials, polymers
Track 4: Agro-resources, value-chain assessment, bioprocesses
Track 5: Agro-resources, value-chain assessment, materials, polymers

PROGRAMME STRUCTURE

Bioceb offers you a **fully integrated Master degree programme** recognized in all participating countries. Its modular organisation favors student mobility and international experience while preserving jointness and interconnection between the different possible tracks.

After getting 120 ECTS, successful students will obtain **a triple MSc. Degree from the Bioceb partner institutions** and a Joint Bioceb **Diploma Supplement which encapsulate the uniqueness of the programme.**

The **joint first semester** (**S1**) at URCA provides a multidisciplinary scientific knowledge base and a shared culture in the field of agro-resources and their conversion through biorefinery processes.

The second semester (**S2**) allows the students to enrich their technical and scientific experience with cross-cutting approaches dealing will value-chain sustainability assessment, with specific focus either on economics (AgroParisTech) or on green chemistry principles (TalTech).

The third semester (**S3**) offers a specialisation in one of the key biotechnology approaches of bioeconomy: biomass engineering (AgroParisTech), bioprocesses (ULiège) and bio-based products (Aalto).

The fourth semester (**S4**) is dedicated to a R&D internship, according to your specialization path and professional plans, leading to a Master's thesis preparation and defence.

For more information please check our website:
www.bioceb.eu