

## 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](http://www.bioceb.eu) where you can find detailed information about necessary documents and submission deadlines.



## 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 19 strategic partners from academic, research and industrial world:



## CONTACT US

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[www.bioceb.eu](http://www.bioceb.eu)

# Bioceb

European Master in Biological and Chemical Engineering for a Sustainable Bioeconomy

## Erasmus Mundus Joint Master Degree



Erasmus+ [www.bioceb.eu](http://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.

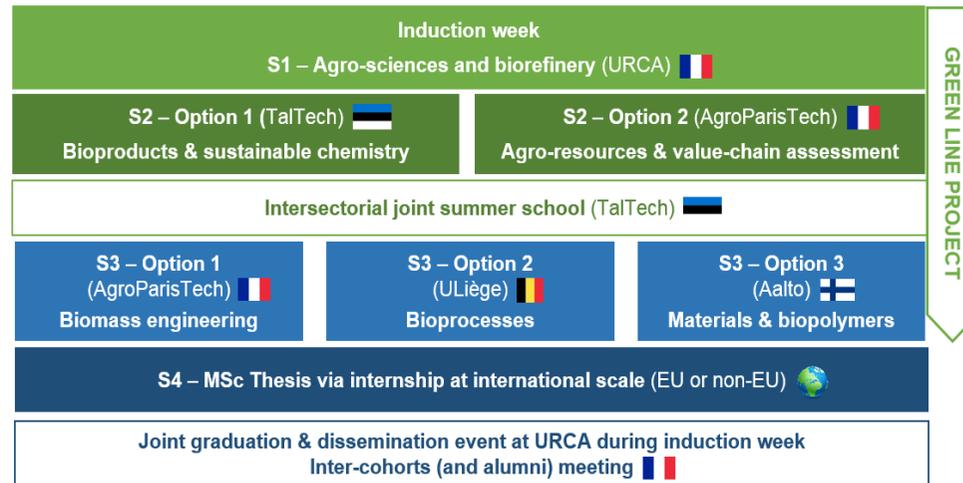
Bioceb is part of the elite Erasmus Mundus Programme, renowned for its academic excellence and international mobility.

### 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.



GREEN LINE PROJECT



- 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 with 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](http://www.bioceb.eu)