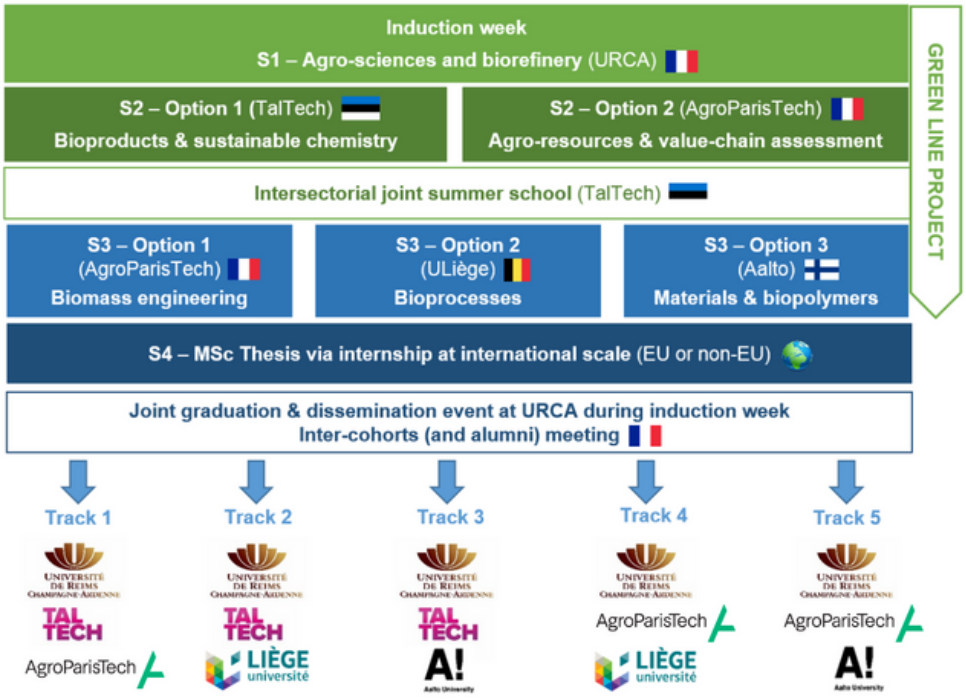

PROGRAMME STRUCTURE

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

Successful students will obtain 120 ECTS, **a triple Master's degree from the Bioceb partner institutions** and a **Bioceb Diploma Supplement.**

The joint first semester (S1) at URCA provides a multidisciplinary scientific knowledge basics 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 the students' specialisation path and career prospects, leading to a Master's thesis preparation and defence.

CONTACTS

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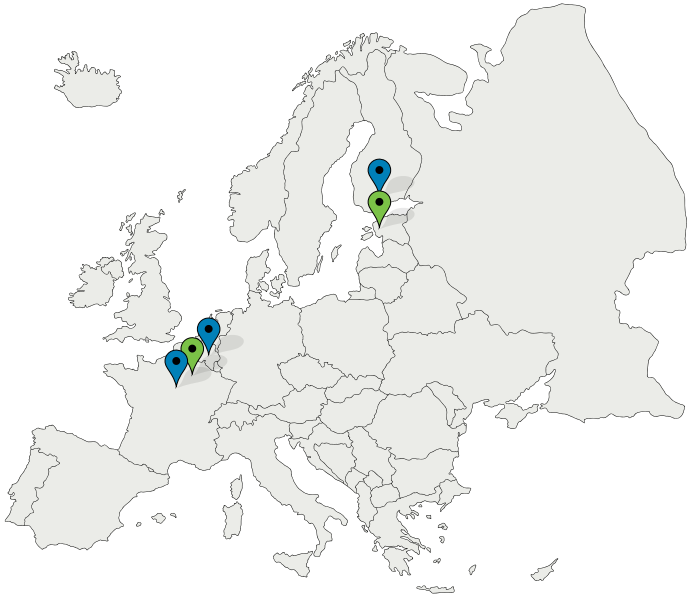
www.linkedin.com/company/bioceb

Bioceb

European Master in Biological and Chemical Engineering for a Sustainable Bioeconomy



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

WHAT IS BIOCEB?

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 inter-cultural understanding.
- **Access** networks and international career opportunities in research and development, innovation management or knowledge transfer, in both private and public sectors.

CONSORTIUM

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

ADMISSION

Each year the 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:

- **Bachelor's 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 Level B2.**

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

APPLICATION

Candidates can apply using the online application tool available at www.bioceb.eu where they can find detailed information about necessary documents and submission deadlines.

PARTICIPATION COSTS

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

BIOCEB PARTNERS

Bioceb is supported by an international network of **22 strategic partners** from academic, research and industrial world, which participates to courses and offers internship opportunities:

CAREER PROSPECTS

Thanks to their **international experience** and network, the Bioceb graduates will be ensured **career opportunities all over the world**, in research and higher education organisations, as well as in private companies, such as:

- PhD student;
- Research scientist in chemical and biological engineering;
- Bioprocess, biomaterial, biocatalyst engineer;
- Research and innovation project manager;
- Business developer for bio-based industries;
- Start-up manager.