

# Bioceb

European Master in Biological and Chemical Engineering for a Sustainable Bioeconomy

## Bioceb students



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European Master in Biological and Chemical Engineering for a Sustainable Bioeconomy

## Discover ...



24 students

20 nationalities

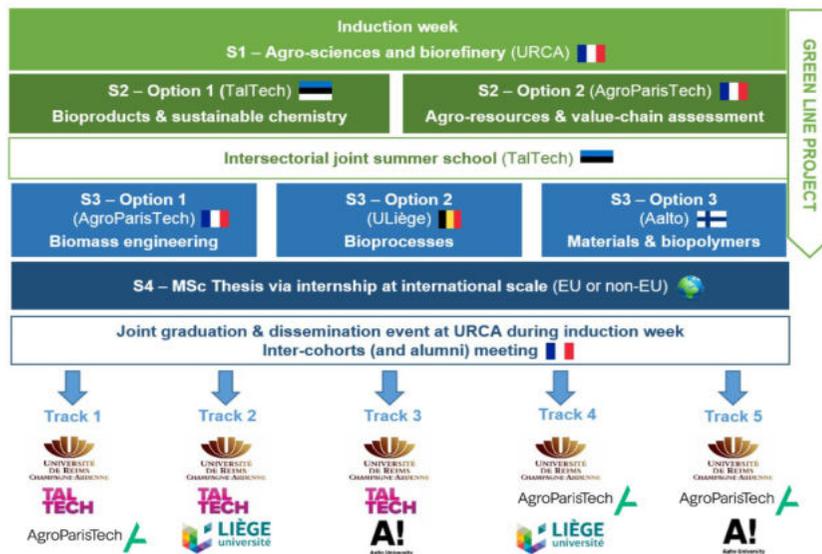
5 European Higher Education Institutions

20 strategic partners from Academic Research and Industrial sectors

# Bioceb

European Master in Biological and Chemical Engineering for a Sustainable Bioeconomy

## Bioceb study programme



- 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

## Discover intake 3...



### ARGENTINA

EMILIANO AGUSTIN BARBERO

National University of San Martin, Argentina

Track 1: URCA-TalTech-AgroParisTech



I am from Córdoba, Argentina. I studied Agrobiotechnology engineering at National University of General San Martin, Argentina. I am a passionate and curious person with different interests, I love solving problems. My hobbies are fishing, camping and sports but I also love eating.



### BANGLADESH

RAZIA SULTANA

University of Rajshahi, Bangladesh

Track 1: URCA-TalTech-AgroParisTech



Myself Razia Sultana from Bangladesh, is a South Asian country located to the east of India on the Bay of Bengal, marked by lush greenery and many waterways. I lived in Dhaka the capital city of Bangladesh. Currently, I am working as a Research fellow at one of the leading research institution of Bangladesh named "Bangladesh Council of Scientific and Industrial Research (BCSIR). I always like to do creative things like drawing, cooking, dancing, acting, knowing new something etc. I also like travelling very much and like to spent time with my family and friends. My lifelong goal is to obtain a very respectable position where I can make my family happy and proud.

## Discover intake 3...



### BELARUS

**ANASTASIYA VALAKHANOVICH**

Belarusian State University, Belarus

*Track 4: URCA-AgroParisTech-ULiège*



My name is Anastasiya and I come from Belarus, Minsk. My major is microbiology and I am especially interested in professional development in biotechnology and green economics, that is why I chose Bioceb. As for my hobbies, photography, downhill skiing and handmade creation are my true passions. I am so impressed to see how many motivated and talented students have gathered at Bioceb third intake and I can't wait to start this journey!



### BRAZIL

**FERNANDA THIMOTEO AZEVEDO JORGE**

Federal University of Rio de Janeiro, Brazil

*Track 4: URCA-AgroParisTech-ULiège*



My name is Fernanda Thimoteo, I'm 25 and I'm from Rio de Janeiro, Brazil. I consider myself a curious, analytical, and solution-oriented person, who graduated in Chemical Engineering to develop green processes that help solve sustainability issues. Nowadays, I have over 3 years of research experience in Bioprocesses and Process Engineering, with a focus on biomass conversion, process design and simulation, and biorefinery techno-economic analysis. Moreover, in my leisure time I enjoy dancing ballet and swimming, especially in open waters.

## Discover intake 3...



### BRAZIL

**CAIO CESAR ZANDONADI NUNES**

Federal University of Viçosa, Brazil

*Track 3: URCA-TalTech-Aalto*



A 25 years-old Brazilian graduated in chemical engineering and eager for new experiences. I am an enthusiastic and determined individual passionate about scientific research. In my free time, I like to spend time with my friends going out to bars and cafés. Apart from this, I also have a liking for working out and hiking.



### ECUADOR

**JOSE ALBERTO BOLANOS ZEAS**

San Francisco de Quito University, Ecuador

*Track 2: URCA-TalTech-ULiège*



My name is José, and I am from Guayaquil, Ecuador. I am a Food Engineer and avid researcher, scientist, and reader as my goal is to earn a Nobel Prize. I like animals a lot, and I would say that my spirit animal is the blue-footed bubi because they like to dance, fly long distances, and are unique in a kind. As a Food engineer, my kitchen is my lab, and I do all kinds of healthier varieties of desserts like brownies, cheesecakes, and cakes. My family and friends love my banana and oatmeal brownies. I work out at least four times a week and keep active. My favorite hobby is reading, as I can travel to space without leaving my couch.

## Discover intake 3...



### EGYPT

**IBRAHIM ABOUSHARABIA**

University of Debrecen, Hungary

*Track 3: URCA-TalTech-Aalto*



My name is Ibrahim, I am Egyptian and I would describe myself as a social extrovert person. I have a bachelor's degree in biochemical engineering from Hungary and I intend to continue my master's degree at Bioceb. In my spare time, I enjoy going to the gym, playing football, or designing graphics. I am very excited to begin my Bioceb master's program and meet my classmates.



### FINLAND

**RISTO HAAPASALO**

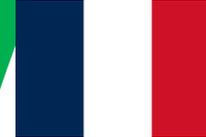
Aalto University, Finland

*Track 5: URCA-AgroParisTech-Aalto*



Hi, I am Risto and I am from Finland. I live in Helsinki, the capital of Finland, and have studied in Aalto University during my bachelor's degree. During my free time I like to spend time with my friends and do rides with my roadbike. Other hobbies are snowboarding, golf and whatever we come up with my friends. As a person I am open minded and socially active. I enjoy having deep conversations but still know how to relax and take things more lightly

## Discover intake 3...



### FRANCE

**GABRIEL DAUCHOT**

AgroParisTech, France

*Track 2: URCA-TalTech-ULiège*



I am 22-years-old, I come from Paris, and I have already partially studied biorefinery at AgroParisTech. I would describe myself as curious, kind and committed to current issues. I am always eager to share great discussions, play board games, and I enjoy drinking tea ! I also like sports, especially judo. My favourite afternoon : getting lost in a museum. In my future professional life, I would like to improve the sustainability of our societies. I am very excited to discover the Bioceb community !



### INDONESIA

**ELDWIN MAIDIONO**

University of Indonesia, Indonesia

*Track 1: URCA-TalTech-AgroParisTech*



Hello everyone! My name is Eldwin Maidiono from Indonesia. I was born in 1998. I have a background in Bioprocess engineering, University of Indonesia. I am keen on reading books, watching documentaries, sleeping, and traveling. I was amazed by how living things are having symbiosis in supporting our environment since I was a child. That's why I am strongly believe in the sustainability and undergo the path as a future bioprocess engineer. However, I could not take an engineering path as my first career due to job market crash and health restriction during covid-19. That said, when life gives me a lemon, I will turn it into a refreshing cocktail and by joining the BIOCEB, it gives me a new hope to pursue my goal as a sustainability engineer, I can actively support future bioenergy sector.

## Discover intake 3...

### KAZAKHSTAN

**AIGANYM ABDURAIMOVA**

Nazarbayev University, Kazakhstan

*Track 4: URCA-AgroParisTech-ULiège*

Hello! My name is Aiganym and I am a young scientist from Kazakhstan. I have diverse research experience in fields like nanomaterials, embryology, genetic engineering and environmental biology. As a Bioceb student, I am interested in discovering novel methods of using biological resources for development of bioeconomy. In particular, my current interest is the application of algae in biodiesel production. I can describe myself in three words: open-minded, determined, reliable. Fun facts about me: I speak 4 languages and in my free time, I enjoy baking and yoga.



### KAZAKHSTAN

**NURDANA ORYNBEK**

Strasbourg University, France

*Track 4: URCA-AgroParisTech-ULiège*

My name is Nurdana Orynbeke and currently I'm 20 years old. I am originally from Almaty, Kazakhstan, however I lived in Strasbourg, France for the last 3 years and finished my Bachelor's in "Life Sciences: Biochemistry" there as well. I speak fluently Kazakh, Russian, English and French, and I'm eager to learn even more languages. My main hobbies are dancing Korean pop choreographies, digital drawing, video editing and writing. Currently I am also interested in programming (mostly on Swift and Python), deep learning methods and data analysis, as I plan to integrate those skills into my future research plans. In general, I would describe myself as an ambitious, reserved and flexible person. In future, I hope to become a full-time researcher and for now I am looking forward for the Bioceb experience!



## Discover intake 3...

### LEBANON

**NOUR ASSAF**

Lebanese American University, Lebanon

*Track 5: URCA-AgroParisTech-Aalto*

Hello! I'm a 20-year-old Lebanese student. I graduated with a bachelor's degree in Bioinformatics, which is a balanced mix between computer science and biology. My hobbies include pottery, dancing, singing, and reading! I'm always down for a good time with friends; I'm both eager and open to learn about new cultures and experiences.

Currently, I'm spending my free time working on my programming skills, to implement it in my future research goals. I'm looking forward to meet the batch of highly motivated students in this program.



### MALAYSIA

**DARSHNI KARTHEGESU**

Teknologi Petronas University, Malaysia

*Track 3: URCA-TalTech-Aalto*

I would say curiosity is a strong trait of mine. Many of my life and University experiences have been a result of me being curious and seeking a resolution towards my questioning. I have taken part in various projects and research endeavors and in fact, me being in Bioceb has been a result of this. I first stumbled upon the Erasmus Mundus programme online and after months of researching the programme on my own, I got my documents ready and applied for Bioceb. It has definitely been a great decision for me.



## Discover intake 3...



### MEXICO

**HECTOR ADIEL FLORES NESTOR**

Tecnologico de Monterrey, Mexico

*Track 1: URCA-TalTech-AgroParisTech*



Hi, my name is Héctor Adiel Flores Nestor, but my friends call me Adiel. I'm from Toluca, Mexico and I am 30 years old. I have a bachelor's degree in Biotechnology Engineering with a minor in Molecular Biology. I worked as a Biotechnology Specialist in my university for 7 years. I love music, theater, photography, reading and soccer (I actually studied music for ten years and also, I worked as stage manager in several theater productions). I like to laugh and to be with people and I'm looking forward to this experience.



### MONGOLIA

**GIIGUULEN ENKHTSAIKHAN**

Tohoku University, Japan

*Track 3: URCA-TalTech-Aalto*



I grew up as a nomad in Mongolia until my high school and did my bachelor in Japan. If I could describe myself shortly, I would say free spirited. Currently, I am cycling around Japan and knitting clothes. I love trying things and meeting new people.

## Discover intake 3...

### NEPAL

**SUDIP SHARMA**

Kathmandu University, Nepal

*Track 2: URCA-TalTech-ULiège*



My hometown is Bhaktapur, Nepal which is 12 km east of Kathmandu, the capital city of Nepal. I studied Bachelors of Engineering in Chemical Engineering from Kathmandu University, Nepal. I was one of the 1st batch students of Chemical Engineering in Nepal. I love to describe myself as hardworking, truthful, motivated, sincere, and open to learning new skills and ideas. I love to gain as much knowledge and skills as I can, so that I can improve and do better. I chose Bioceb program as my career path because the objective of the course aligns to that of mine, engineering for sustainable system and economy. My background of Chemical engineering and my job experience in the food and beverage would somewhat help me in further developing my career in the biological, and chemical engineering portion of master's degree. I would love to learn and help produce a tangible idea and solution in the field of sustainable energy and rebuilding the economy through green engineering. Furthermore, I like meeting new people, learning new culture, cooking and trying new cuisines. I love to dedicate my time in research, visiting new places, hiking. I love football and I love watching football.

### NEPAL

**REKHA SHRESTHA**

Purbanchal University, Nepal

*Track 5: URCA-AgroParisTech-Aalto*



My hometown is Kathmandu, Nepal. I completed my bachelor's degree in Biotechnology from Purbanchal University in 2019. I would like to describe myself as an ambitious individual. I consistently set goals for myself and constantly strive forward. I always look up for possible opportunity to do better and achieve greatness. I chose BIOCEB program for my master's degree because I am looking forward to make an application of biological, chemical and engineering concepts to produce eco-friendly products. I anticipate meeting a lot of new people. I enjoy cycling and hiking in addition to my research work. And my favorite sport is volleyball.

## Discover intake 3...



### PAKISTAN

**MUHAMMAD KHIZAR NAEEM**

Bahauddin Zakariya University, Pakistan

*Track 1: URCA-TalTech-AgroParisTech*



I, Muhammad Khizar Naeem, belong to a stunning natural landscape of South Asia, Pakistan. Having completed my bachelors in Biotechnology, I feel myself attracted towards tremendous potential of Bioprocessing to serve as a saviour for ascending challenges of current century. Microbial growth is a source of fascination for me actually. Besides, I am interested in a number of sports including Cricket, Badminton and Table tennis. Withal, tourism is a source of utmost joy for my soul. I love traveling, as it provide me with an opportunity to observe new cultures, learn new languages, build new professional bonds with people from different social set-ups. Concluding my thoughts, I anticipate myself as a learner, jolly in nature, interactive in conversations and open to adopt new things in my life.



### PHILIPPINES

**SHERY ROSE DOMINGO QUIENG**

UniLaSalle, France

*Track 2: URCA-TalTech-ULiège*



Hi, I'm Shery Rose Quieng. I am originally from the Philippines. I studied in Singapore for the last two years of high school (International Baccalaureate) and then moved to France for my undergraduate studies. Now, I'm with BIOCEB to pursue my master's degree. You can remember me as a dancer and traveler. I've been dancing since I was 3 years old and I discovered my passion for travelling when I first left my country to study abroad. I love travelling because it opens other perspectives, enabling me to relate to and understand more people. On top of that, we get to discover amazing food, places, languages and culture.

## Discover intake 3...



### SLOVAKIA

**RASTISLAV JONIS**

University College London, United Kingdom

*Track 1: URCA-TalTech-AgroParisTech*



I did my undergraduate degree in London and decided to challenge myself by doing master's in France. My newest interest is trying to learn french. This summer I'm trying keep myself busy by going on hikes, catching up on tv shows and books I've been putting off and loads of sleep of course. My friends would describe me as shy at first but outgoing once I get to know the people I'm around.



### SPAIN

**LORENA DIAZ FERNANDEZ DE QUINCOCES**

University of the Basque Country, Spain

*Track 1: URCA-TalTech-AgroParisTech*



Hola! My name is Lorena Díaz and I am a recently graduated biotechnologist. I'm from San Sebastian, located on the north coast of Spain, and I have studied at the Basque Country University in Bilbao and my last university year in Esbjerg, Denmark. I really like traveling around (either for pleasure or for studies) and getting to know new people from different backgrounds. I enjoy spending time outdoors with nice company either chatting or doing any other activities such as hiking, as I like nature. I enjoy listening to or playing music and sharing it with friends and family. I consider myself to be quite extroverted but I also enjoy doing activities by myself (reading, writing, etc.) Looking forward to meeting everyone in this new chapter!!! See you soon!

## Discover intake 3...



### SPAIN

**PEDRO ANTONIO NAVARRO PLAZA**

*MIGUEL HERNANDEZ University, Spain*

*Track 2: URCA-TalTech-ULiège*



I am from a small village in Spain. I describe myself as a sociable, open-minded person, organized. I am always open for a plan and for a good time. My main hobbies are sports, music, and travel. I enjoy more these pastimes with friends. I love a good conversation without barriers and understand the different points of view of people.



### UNITED STATES

**VERONICA DEFELICE**

*Georgetown University, United States*

*Track 2: URCA-TalTech-ULiège*



Originally interested in biological mechanisms as it pertains to genetics completing my Bachelor's, I then completed a Masters in Biochemistry at Georgetown University in Washington D.C where I became interested in biological and chemical engineering as it applies to a sustainable environment. I am from New York City, United States. I would describe myself as: interested in biological and chemical engineering for a healthier world, Excited by knowledge and culture, Thoughtful to others, and dedicated to my career. My hobbies include: swimming, exercising, running, reading, writing poetry, playing the violin, oil painting.

## Discover intake 3...

