

INTEGRATED BSC + MSC

# AGRO, FOOD & ENVIRONMENTAL ENGINEERING

(I-SAFE)



# UNILASALLE WHO WE ARE...

Formed by the merger of five leading engineering schools and the creation of a veterinary school, UniLaSalle Polytechnic Institute has become a major center of higher education in France. It offers a wide range of programs in life sciences, earth sciences, environmental sciences, energy and digital technologies.

↗ **4**  
CAMPUSES IN FRANCE

↗ **+ 4000**  
STUDENTS

↗ **24 000**  
ALUMNI

↗ **18**  
PROGRAMS

## THE LASALLE NETWORK

↗ With **Lasallian pedagogy**, we encourage autonomy and commitment. In the field, in FabLabs, on internships or with the weekly seminars. From the 1st year onwards, you will be encouraged to experiment and carry out many projects.

↗ The largest worldwide network of education with more than 1.5 million students.



# HERE, WE THINK AGRICULTURE NEEDS A MIX OF CULTURES TO FLOURISH

UniLaSalle Rouen offers the integrated **Agro, Food & Environmental Engineering** program to train specialists in agronomy and agro-industries whose mission will be to design, protect and manage agriculture for the future.

You will develop the skills and knowledge needed to find solutions tailored to each region, to deal with the global challenges of ecological transition. On campus, you will join a vibrant international student community to evolve in a multicultural and welcoming environment.

**40**

NATIONALITIES

**4**

LANGUAGES TAUGHT

**260**

PARTNER UNIVERSITIES

**29**

DOUBLE DEGREE POSSIBILITIES

**4**

STUDY TRIPS



## PROGRAM HIGHLIGHTS

**1**

**Small groups**, learning by doing, learning through research

**2**

Strong focus on innovation and **entrepreneurship**

**3**

**Up to 24 months spent abroad** (internship, semester abroad, study trips)

**4**

**Weekly seminars** with international speakers organized by students

**5**

**GoLaSalle:** mandatory semester abroad in 3<sup>rd</sup> year



# ➤ COURSE STRUCTURE

**WITH OUR INTEGRATED MASTER PROGRAM, DIVE INTO A FIVE-YEAR PROGRAM TAUGHT ENTIRELY IN ENGLISH:**

## YEARS 1, 2 & 3

- 2x6 weeks internship
- 1 week study trip each semester (year 1&2)
- 5<sup>th</sup> semester abroad – GoLaSalle

### STUDY OF LIVING SYSTEMS

29%

Cell biology • Biodiversity • Soil sciences • Genetics • Animal systematic • Plant biology and Botany • Ecosystem functioning and biogeochemical cycles • Micro-organisms • Immunology • Physiology of living organism • Agronomy • Microbiology • Molecular biology • Animal feeding • Metabolic biochemistry and enzymology • Crop protection • Environmental analysis • Health and Welfare in livestock farming

### SOCIAL SKILLS & SELF-DEVELOPMENT

19%

Service and solidarity commitment • Professional project • Epistemology • Personal development tools  
Cross-cultural studies • Interculturality • Languages (German, Spanish, Portuguese) • Sports • Weekly seminar

### INFORMATION SYSTEM & DIGITAL TRANSFORMATION

15%

Logic • Integral calculus and differential equations • One variable functions and limited development • Descriptive statistics • Engineer tools • Database - SQL • Linear algebra • Inferential statistics • Statistical test practices • Descriptive statistics • Probability • Functions of several variables and optimization • Algorithmic and programming • Geographic information and positioning • Survey methodology • Experimental Design • lot • Linear and no linear modeling

### SCIENCES FOR FOOD INDUSTRY

14%

Chemical kinetics • Physics • Chemistry of solutions • Metabolic biochemistry and enzymology • Fluid mechanics • Thermodynamics • Atomistics & chemical bounds • Organic chemistry • Agro-Industrial Biochemistry • Materials and energy balance • Unit operations and process engineering • Intro to biotechnology • French Food (Wheat and Bread) • Food microbiology • Food quality control

### ENTREPRENEURSHIP & INNOVATION

12%

Methodology of work in engineering school • Introduction to farming systems • Duo day • International farming systems • Marketing approach • Law and political sciences • Farm analysis • Technical and economic management of livestock farming • Sustainable Innovation Management • Introduction to the global sustainable • Agri-food systems • Company mission • Ethics & Sustainable Development

### INTERNATIONAL TRADE & BUSINESS ADMINISTRATION

11%

Geopolitics • Business operation • General economy • Political sciences and governance • Accounting • Account management • Agricultural policy • Rural sociology • International agriculture • Circular economy • Economics • Business Game • Management tools • Human resources • Management and law

# YEARS 4 & 5

- 4+6 months internship
- Possibility of double degree

## PROFESSIONAL TRACK

### FARMING FOR THE FUTURE

or

### SUSTAINABLE MANAGEMENT & INTERNATIONAL TRADE

Smart and low-input agroecology  
Climate change & adaptative farming systems  
Sustainable Agri-Food systems in the world  
Ag & Food Business models  
Urban Agriculture and Green Cities  
Agriculture & Food Data management

Urban Agriculture and Green Cities  
Ag & Food markets in the world  
Management & Supply chain  
Agriculture and Food Data management

## STUDY TRIPS

Step out of the classroom and into the world!  
**Explore, learn, and grow** with our immersive Study Trips.

- **Brussels:** Discovering the European Union institutions
- **Parma:** From fields/farms to plates
- **Amsterdam:** Urban Ag and Food production
- **Valencia:** Ag & food (oranges, rice, ham...)



## UNLOCK GLOBAL ACADEMIC OPPORTUNITIES!

**Take advantage of 29 double degree opportunities** with prestigious universities in France and abroad.  
An unparalleled academic experience for a successful international career.

**MORE ABOUT  
THE PROGRAM**



# I-SAFE STORIES



« I came to UniLaSalle Rouen because it was the only English-speaking agronomy program I found! I'm also happy to be able to do my fifth year on a work-study contract, to gain experience and also earn a salary at the same time as doing my studies.»

**Christian Zgheib (Lebanese), i-SAFE student**



« More than just a program, UniLaSalle offers open-mindedness, values of sharing and above all curiosity towards the cultures and ways of thinking of all. It is extremely interesting to master fields such as agriculture, agronomy, sustainable development and even entrepreneurship on a French scale. However, it is an undeniable bonus to add international know-how, and techniques developed in the four corners of the world. »

**Jana Khalil (Senegalese), Alumni 2024**



« Thanks to the i-SAFE program, I completed all my internships abroad, gaining essential international experience. My final internship at SweGreen (in-store farming solution) in Sweden led to my current role as an R&D Project Manager, where I contribute to European Funded Projects and support international market expansion. »

**Salomé Piederrrière (French), Alumni 2024**



## STUDENT LIFE: JOIN OUR INTERNATIONAL COMMUNITY

On the Rouen campus, more than 40 student associations keep life lively throughout the year.

**Sports, events, arts, crafts, solidarity...** At the end of the day, the goal of student life at UniLaSalle Rouen is simple: to allow everyone to find their place and to get involved in what they are passionate about!



# **ADMISSIONS**

## **CRITERIA**

- **Secondary school diploma:** French Baccalaureate or equivalent with a specialization in mathematics, physics or biology.
- **Proficiency in English;** equivalent B2; TOEIC IBT 600, TOEFL IBT 80, IELTS 6.0, Cambridge FCE.  
Students who have completed their previous education in English are exempt from this requirement.
- For an admission in **2<sup>nd</sup> or 3<sup>rd</sup> year:** we require a bachelor (or a licence) year 2 or year 3.

## **APPLICATION**

- **Undergraduate** French and EU candidates may apply on Parcoursup (online application followed by an interview)
- Candidates from **outside EU** may apply through Etudes en France procedure or on unilasalle.fr (application fees are free until 15th February)
- All applications will be studied by our pedagogical team and will potentially lead to an interview.

## **TUITION FEES**

Check out the tuition fees on our website:



### **The International Club:**

As one major players on campus, the team organizes events, conversation workshops, buddy programs and more.

Each year, the International Club Day transforms the campus into an incredible festive occasion, where we discover the culinary, musical and artistic specialties of the nationalities represented!



## CHOOSE FRANCE

Discover the French “way of life” and gastronomy. Learn French, the world’s most commonly spoken language by 2050



### TRY NORMANDY

**11,000 international students chose Normandy, be one of them!**

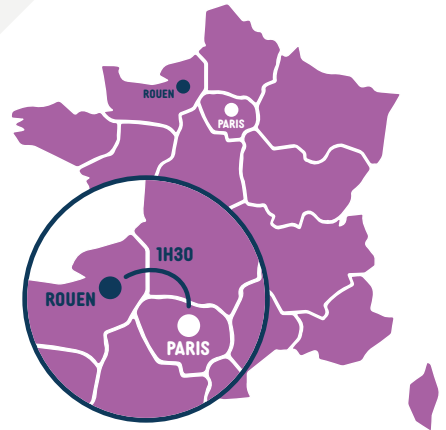
Experience Rouen, one of the 52 places to visit in the world (New York Times 2024), a dynamic city on a human scale with 45,000 students.

### HEALTH & WELL-BEING

- Benefit from the excellent and free French healthcare system
- On campus psychological support team
- Disability friendly campus and personalized support
- University hospital within 15'

### ACCOMMODATION

- Secured residences
- University residences
- Private rental accommodations or with families



## LET'S MEET

Our international team will be pleased to answer any question you may have : courses, student life, tuition fees ...



#### Contacts:

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**UniLaSalle**   
Rouen | Veterinary school & Bio-engineers

