

AG, FOOD & ENVIRONMENTAL ENGINEERING (i-SAFE)



Agronomy & Agro-industry engineer

DEAN'S WELCOME WORDS

By joining the Ag, Food & Environmental Engineering(i-SAFE)programme,youwillacquire key competencies and business experiences to deal with agriculture, food and environment and “be the change that you wish to see in the world” (Mahatma Gandhi).

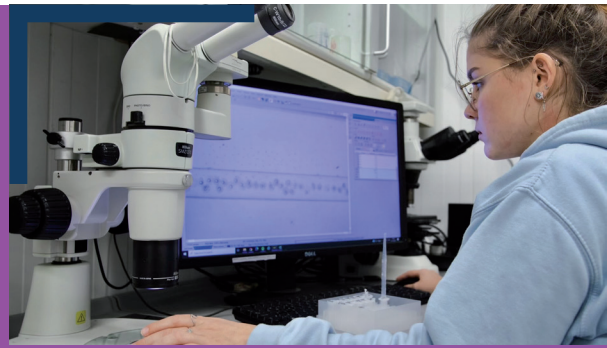
Besides, it guarantees you a 3D international experience with your classmates, in the course programme and through extensive learning and trainingabroad.Oncampus,youwilljoinavibrant student community where there are new and lasting friendships to be made. Rouen, a friendly city in the heart of Europe, and at the doorstep of many fascinating regions and countries, easy to explore.

Be sure that the entire educational community of UniLaSalle is mobilized to make the Ag, Food & Environmental Engineering programme a turning point in your life.

See you next september!



Marie
LUMMERZHEIM
Dean of UniLaSalle
Rouen



STRENGTHS OF THE PROGRAMME

1st and only engineering programme

in life sciences in France taught in English

A know-how about the agricultural, food and environmental questions with a focus on innovation and entrepreneurship

International track :

go abroad up to 24 months

4 languages taught with certifications : English, Spanish, German, Portuguese

260 partner universities in 82 countries



SKILLS BASED APPROACH

- 1 • Scientific & technical knowledge acquisition and mastery of their implementation
- 2 • The adaptation to the specific requirements of the company and society
- 3 • Taking into account the organisational, personal and cultural dimension
- 4 • Ability to think globally and act locally while considering the issues of sustainable development



1 > 2 > 3

PURE AND APPLIED SCIENCES FOR SUSTAINABILITY

Study of living systems

Climate and Earth envelope / Cell biology / Biodiversity systematic / Soil sciences / Genetics / Physiology on living organisms / Animal systematic / Micro-organisms / Immunology / Physiology of living organism / Agronomy / Applied animal physiology / Ecosystem: how does it work? / Microbiology : mycology & virology / Molecular biology / Animal feeding / Applied animal physiology / Physics / Biomolecules

Entrepreneurship & innovation

Methodology of work in engineering school / Introduction to farming systems / Duo day / Sustainable development project study / Sustainable engineer / International farming systems / Marketing approach french food / Law and political sciences / Personal project / Company : organization and operations / Environment, operations, farm analysis

Food systems & quality

Chemical kinetics / Thermochemistry / Metabolic biochemistry and enzymology / Fluid mechanics / Physical thermodynamics / Atomistic & chemistry bounds / Organic chemistry / Physics

Information systems & digital transformation

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 / Algorithm and programming

International trade & business administration

Geopolitics / Business operation / General economy / Political sciences and governance / Accounting / Account management / Agricultural policy / Rural sociology / International agriculture / Circular economy

Social skills and self-building

Innovate - Engage - Serve / Professional project / Personal development tools / Cross-cultural studies / Interculturality / Ethics & social responsibility / Languages (German, Spanish, Portuguese, English) / Sport / Weekly seminar

6-week
internship

In farm or food industry

1 week study trip
each semester (year 1&2)

Discover Valencia, Parma,
Barcelona and Brussels
(Included in tuition fees)



Mandatory
semester abroad

Go to one of our 228
partners all around the world

4-week
experience

Mission in a farm
or food industry



4 > 5

PROFESSIONAL SKILLS

Majors

| | | |
|--|---|---|
|  Prevention and health benefit |  Ag. & food data management |  Urban ag. & green cities |
|  Food quality R&D |  Agronomy |  Agro-ecology, soil, water & land management |
|  Marketing & sales |  Livestock management |  International trade |
|  Consulting & business administration |  Food processes |  Entrepreneurship & innovation |
|  Tropical ag. & food |  Plant breeding (Erasmus mundus) |  Agrologistics |
|  Sustainable management |  Circular economy |  French food & Agribusiness |
|  International Agriculture & Food Production |  Biotechnologies & sustainable agro-resources |  Adaptative farming systems, land management & biodiversities |

STUDENT STUDY TRIPS

Discover, Brussels, Valencia and Parma

- BRUSSELS, discovering the European Union institutions
- PARMA, from fields/farms to plates
- BARCELONA, markets and imports
- VALENCIA : Ag & Food : oranges, rice, ham...

WEEKLY SEMINARS

Be curious be aware ! Invited international speaker from research and private sector, chosen by students

INNOVATIVE PEDAGOGY

- Small classes
- Learning by doing
- Learning by searching

DOUBLE DEGREE

29 double degrees with prestigious partner universities in France or abroad.

Full list here :



TECHNOLOGY FOR SUSTAINABILITY

UniLaSalle is the cutting edge of technology, with its research platforms :

- AgriLab incubator
- Experimental farm
- Culinary lab
- Greenhouses
- Agro R Tech : structure dedicated to the valorisation of agro-resources and co-products in biosourced materials

ADMISSION

Criteria: Secondary school diploma French Baccalaureate or equivalent. Strong academic prerequisite background (specialisation 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 exempted from this requirement.

For an admission in 2nd or 3rd year: we require a bachelor year 2 or year 3

APPLICATION

1st year:

- French and EU candidates may apply on www.parcoursup.fr from late january to end of march (online application followed by an interview)
- Candidates from outside EU may apply on www.unilasalle.fr from november to may (application fees are free until 31st january)

2nd and 3rd years:

- Online application on www.unilasalle.fr followed by an interview
- 3 sessions : mid january / end of march / start of june

TUITION FEES FOR 2022-2023

EU students: 7 850€/year

Non EU students: 10 250€€ year

Scholarships available from 5 % to 75 % (merit and need-based)NOTE: Student study trips and double degree possibilities are included in the tuition fees.

Average cost of living in Rouen: 650€/month

16-week internship

R&D in a company/ university or on your start-up project

Mandatory semester abroad

POSSIBILITY OF DOUBLE DEGREE

24-week internship

Pre-professional experience in a company or on your startup project



LASALLE



largest worldwide network
of education
www.lasalle.org

4

CAMPUSES

4000

STUDENTS

22000

ALUMNI

THEY EMPLOY OUR GRADUATES

FAO, WWF, AVSF, FAIRTRADE,
OXFAM, NUTRISET, B CORP, DANONE,
FERRERO, L'ORÉAL, CARREFOUR,
CRÉDIT AGRICOLE, LIMAGRAIN,
UNILEVER, VEOLIA, BONDUELLE,
CARGILL, MOÛT-HENNESSY...
AND MANY OTHERS

**A multicultural and multi-language
campus** with more than 30 nationalities
(Zimbabwe, Mexico, China, USA, Lebanon, India...)



Uros RAKIC, 3rd Year Student

«This programme is thought in English. In the global environment we slowly approach it is a necessity. Secondly, one is not spending a full year in the classroom : study trips are a regular part of the course in the first two years. I am positively surprised by an innovative approach to class organisation and homework assignments. We are regularly expected to present our projects in front of the class. Approachable and flexible professors also play a significant role once the feedback is necessary!».



JANA KHALIL, 3rd Year Student

«The Ag, Food & Environmental Engineering programme offers a real opening to the international. In the globalized world in which we live, it is more than important to develop these perspectives and to work together to solve the major issues we all face. More than just a programme, it 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 in order to have all the cards in hand to think about effective solutions».



Lucas ROBERT, 3rd Year Student

«I heard about the UniLasalle network which is very well known in France. The history, the diversity of training courses and the professional relations of the school make its strength and its recognition. Ag, Food & Environmental Engineering is a new training that, for me, formally meets the current needs in the field of engineering: diversity of cultures, experiences and knowledge».

OPEN DAYS



Set up a one on one online meeting !

UniLaSalle

Terre & Sciences

CHOOSE FRANCE

Discover the french "way of life" and gastronomy. Learn French, the world's most commonly spoken language by 2050

TRY NORMANDY

Normandy: Top region to visit (Lonely Planet 2018). Experience the vibrant city of Rouen, a safe city on a human scale with 43,000 students and 5,000 international students

STUDENTS LIFE

- Social event organized by student and the International

Department (Gala, Team building day, touristic stay)

- Several student organizations on the campus (International club)

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

UniLaSalle

Earth & Sciences

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