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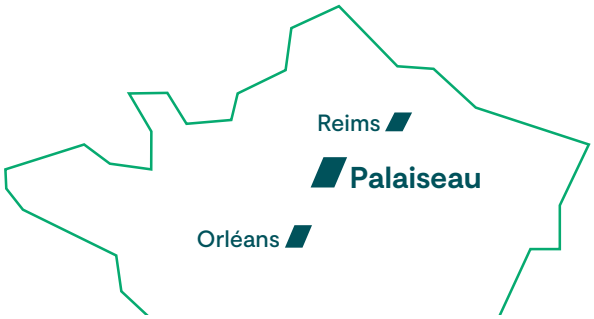
AgroParisTech
Talents for a sustainable planet

AgroParisTech International Summer Program

June 2 > July 18, 2025

A French way towards sustainability: Food Systems, Biotechnologies and Biocosmetics!

This summer 2025, AgroParisTech is introducing a thematic summer program lasting seven weeks and 100% in English (including "Survival French" courses) with an exclusive format: courses, workshops, lectures, cultural visits... and internships within our research units in the Paris region (Palaiseau), Champagne region (Reims) or Loire Valley (Orléans)!



This program is entirely designed for international students being at least in their third year of higher education in programs related to AgroParisTech's activities and having a B2 level* in English.

Get a hands-on learning and living experience in France with focus on Sustainable food systems, biotechnologies and biocosmetics!

What are you waiting for to sign up?

It is an opportunity to:

- **Get a highly valuable experience in France,** with a full immersion within the local education, research & innovation ecosystem and even learn some French.
- **Acquire new knowledge** about life and environmental sciences and technologies in France and in Europe.
- **Explore the areas of Food Systems, Biotechnologies and Biocosmetics with specialized professors and researchers** from the best French higher education institution on these subjects, on cutting-edge, high-tech campuses.
- **Discover French methods of learning and experimenting in France's best research units** in the fields of agronomy, food, biotechnology, biocosmetics as well as related economics and politics, etc.
- **Get a taste of French culture** including the French gastronomy, world's renowned UNESCO Cultural Heritage.
- **Develop intercultural and other soft skills.**
- **Meet other students and professors** to expand your professional network.
- **Open up new life perspectives** for yourself and maybe even pursue your studies at AgroParisTech!

*https://www.service-public.fr/particuliers/vosdroits/F34739?lang=en

The Program

Lasting seven weeks, the program will start with a full week on our main campus in Palaiseau, located at the heart of the Plateau de Saclay, which is also called the "French Silicon Valley" (South of Paris). There, you will have the opportunity to discover the three main focus areas of Sustainable Food Systems, Biocosmetics and Biotechnologies through conferences, workshops, serious games, thematic visits as well as exchanges with AgroParisTech PhD students and researchers to give you a better idea of what research is all about here.

You'll also get the chance to visit the French capital with an iconic cruise on the river Seine, a trip to the world's largest marketplace for agricultural goods in Rungis and/or an outing to AgroParisTech's experimental farm.

Starting from the second week, you'll join one of AgroParisTech's laboratories as an intern for 5 weeks depending on your interests.

To conclude the program, oral presentations of the results by each student will give rise to a mini-symposium, a feedback session and a final farewell event.

Welcome services

Included ✓

- Accommodation (Paris/Palaiseau, Orléans, Reims)
- Transport to and from Orléans and Reims at the beginning and end of the internship
- Local transportation
- Above-mentioned social and cultural activities
- Laboratory internship, including mentoring by top-level professors and researchers
- Courses, workshops and conferences, including "Survival French" classes
- Cultural visits included in the program
- Local support by AgroParisTech's European and International Relations Office

Not included ✗

- Transportation to and from your home destination
- Transportation to and from your arrival and departure location (airport, railway station...)
- Daily living expenses (e.g. meals), except where indicated
- Travel, health and liability insurance and administrative costs (passport, visa etc.)
- Extra social and cultural activities that are not mentioned in the program

Fees

- Students enrolled at one of AgroParisTech's partner universities benefit from a preferential rate with a discount of € 800.
- If you wish to benefit from the preferential rate and your university is not partnered with us, please contact the International Relations Office of your university so we can explore possible cooperation opportunities between our two institutions.

€ 3,200
Partner universities fees

€ 4,000
Regular fees

Admission criteria

- Excellent Bachelor's (from 3rd year Undergraduate) & Master's students enrolled in scientific and technological courses related to life and environmental sciences.
- Advanced English (B2 certified) or native speaker. French beginner classes are offered.

How do I apply?

There are a limited number of places available on the program and in our research units, so make sure to highlight your motivations, relevant background and ambitions if you want your application to be accepted!

1/ By March 20, 2025

Register on our incoming platform and fill in the Summer Program application and upload the required documents **by March 20, 2025 at 23:59 (Paris time).**

If you are a student from a partner university, please ask the International Relations Office of your university to contact us.

2/ Early April 2025 Applications will be reviewed

After the deadline, applications will be carefully reviewed by AgroParisTech's European and International Relations Office and research units.

3/ Mid April 2025 Answer from us!

Contact
summerprogram@agroparistech.fr

Research Units Involved

Each research unit may host 1 to 2 students. More research units may be opening intern positions for applicants.

PSAE – Paris-Saclay Applied Economics Palaiseau

Paris-Saclay Applied Economics is a joint research unit of France's National Research Institute for Agriculture, Food and Environment (INRAE), Université Paris-Saclay and AgroParisTech. The research conducted within the research unit aims to evaluate the economic efficiency of public policies related to agriculture, food, and the environment using theoretical analyses and quantitative methods, such as econometrics, experimental economics, or market equilibrium modelling. Recent work by PSAE researchers has focused on the role of land use in reducing greenhouse gas emissions; the interactions between international trade and adaptive responses to climate change; the development of foods based on plant proteins; the impacts of the Nutriscore and Ecoscore on consumer food choices; and power dynamics within the agrifood industry. In all their work, PSAE researchers examine how stakeholders, such as producers, consumers, and taxpayers, are affected by different regulatory options (e.g. taxes, subsidies, mandatory labelling, technical standards) when it comes to economic, nutritional, health, and environmental returns.

IJPB – Institut Jean-Pierre Bourgin Versailles

The "Institut Jean-Pierre Bourgin" is a joint INRAE and AgroParisTech research unit within the Université Paris-Saclay. It is one of the largest Plant Science research centers in Europe and is renowned for its unique combination of experimental resources and pluridisciplinary expertise in biology, chemistry and mathematics.

The IJPB aims to develop multidisciplinary concepts and tools that extend our fundamental knowledge about plant biology and agronomy towards innovative solutions for complex scientific and social challenges. Research at the IJPB focusses on the evolution and expression of plant genomes; the response of plants to environmental constraints and how this relates to biodiversity; the mechanisms that govern plant development, signaling and communication at different scales, from the cell to whole plants through to seeds; modeling of complex biological phenomena for predictive purposes; and characterization of plant metabolism and their bioproducts (cellulose, lignins, lipids and specialized metabolites) for agroecology and a sustainable bioeconomy.

Cosmetology Research Chair Orléans

The AgroParisTech Cosmetology Research Chair aims at strengthening local research and education in cosmetology, fostering growth in the cosmetics industry by producing world-class skills and expertise, speeding up innovation transfer between the Chair and the private sector, and positioning the Orléans region as a global leader in cosmetics.

It is supported by private benefactors, the AgroParisTech Foundation, LVMH Recherche and the Shiseido group. It is also located at the heart of Cosmetic Valley, an organization that brings together, coordinates and supports 220 companies, research centers, universities and higher education institutions in the French perfumery-cosmetics sector. Together with local authorities, this organization promotes growth and innovation in the sector and contributes to the international influence of the French cosmetics industry.

SayFood – Paris-Saclay Food and Bioproduct Engineering and the CoPack Chair Palaiseau

SayFood is a research unit recently created by INRAE and AgroParisTech. Its mission is to acquire new scientific knowledge and propose new approaches in product and process engineering, applied to bioresources.

Thus, the unit aims to contribute to the development of new sustainable food systems by working in interdisciplinarity on the "design-consumption" continuum. To conduct its research, SayFood draws on a set of disciplines covering food science, microbiology, process engineering and consumer science.

CoPack Chair is a partnership chair supported by the AgroParisTech Foundation developping projects that provide innovative solutions while addressing environmental concerns. Some of the research projects are conducted in collaboration with teams from the EcoSys research unit, specialized in soil pollution analysis and/or SayFood research unit that innovates packaging concepts by considering their environmental impact and end-of-life fate.

ABI – Industrial Agro-Biotechnologies Reims

The Industrial Agro-Biotechnologies research unit is dedicated to the creation of innovations and their transfer to industrialization. Located in the European Center for Biotechnology and Bioeconomy (CEBB) at the heart of the Pomacle-Bazancourt biorefinery, it focusses on the valorization of biomass through the combination of white biotechnologies, green chemistry and process engineering.

Thanks to its expertise in chemistry, polymers/materials, microbiology/biochemistry/molecular biology, chemical engineering and separation process as well as in analytical chemistry, the ABI unit is able to carry out multi- and transdisciplinary fundamental as well as applied research projects, the ambition being to develop and optimize sustainable industrial processes and high added-value products from agro-resources (biorefineries by-products, agro-waste...).

Specifically, ABI's scientists focus on the development of high added-value bio-based functional molecules/ingredients (antimicrobials, antioxidants, anti-UV, flavoring agents, surfactants...) and polymers/materials, as well as that of platform molecules (synthons), such as organic acids or aromatic/phenolic compounds, which can be used in fine chemistry, in the food industry, the pharmaceutical industry, the cosmetic industry and as biocontrol.

GQE – Le Moulon – Quantitative Genetics and Evolution Gif-sur-Yvette

The Quantitative Genetics and Evolution research unit is a member of the Institut "Diversité, Écologie et Évolution du Vivant" (IDEEV) hosting scientists from INRAE, Université Paris-Saclay, CNRS and AgroParisTech.

GQE-Le Moulon works on evolution and quantitative genetics and develops both theoretical models and applied experiments on plants and yeasts.

Altogether, it covers a wide range of disciplinary fields in Biology (including theoretical and evolutionary biology), Agronomical sciences, Mathematics (biostatistics and mathematical modeling) and Bioinformatics.

In such a multidisciplinary environment, their research specializes on population genetics and genomics for quantitative traits observed at different integration levels in contrasted environments: molecular phenotypes, architectural or developmental traits, yield components and adaptive traits. The lab also contributes to the valorization of cultivated biodiversity in wheat (participative selection) and maize (marker-assisted selection, genomic selection). Its scientific production is excellent and recognized worldwide.

MoSAR – Systemic modeling applied to ruminants Palaiseau

MoSAR is a joint research unit (UMR) between INRAE and AgroParisTech with a long-standing expertise in ruminant nutritional physiology and feed evaluation.

Its scienfic objective is to understand, characterise and predict the relationships between livestock and their feeding environment in order to develop tools that increase the efficiency of use of food resources whilst optimizing performance, adaptive capacity and wellbeing. The two main research axes of MoSAR are understand feed efficiency (FE) to better quantify and manage it and understand the relationships between FE, resilience and robustness to identify levers for actions toward sustainable feed efficiency.

SADAPT – Sciences for the Action and Development – Activities, Products, Territories -Research Unit - Urban Agricultures Palaiseau

SADAPT is a joint research unit of Université Paris Saclay, INRAE and AgroParisTech, bringing together some 50 researchers and teacher-researchers in the social sciences and biotechnology, and promoting an integrated vision of research into the agro-ecological transition to design and evaluate new sustainable agri-food systems.

The SADAPT "Urban Agricultures" team is interdisciplinary and inter-institutional and focuses on research for action on urban agricultures at French, European and international level. Its aim is to quantify, qualify and rank the functions of urban agricultures in all their diversity, and to characterize the food systems into which they fit.

Grignon Experimental Farm Grignon

Agricultural innovation plays an important role in the activities conducted on this site, which is home to a number of experiments, ranging from zootechnical research to agronomical experiments and precision agriculture trials.

The farm also researches cropping system performance to achieve more sustainable solutions, and in 2017, launched the experimental Trajectoire platform, in partnership with institutional, agricultural, and scientific stakeholders. This platform is instrumented to measure a wide range of element fluxes in air, water and soil. After setting up a methane recovery system in 2014 with start-up Nénufar (a project developed within the Farm'InnLab), the farm took a step further with the construction of a methanizer in April 2024 that injects biomethane into the distribution gas network. It is equipped with a large number of sensors at various points, which make it possible to monitor parameters such as the composition of the biogas before and after purification, temperature, pH, height of the liquid in the tank, etc. In this way, the farm can free itself from fossil fuels and reduce its carbon footprint.