

PRESS RELEASE

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Université Paris-Saclay establishes its interdisciplinary programmes

Université Paris-Saclay continues its structural organisation by establishing its interdisciplinary programmes. These programmes are designed to coordinate research, education and innovation activities between several of the University's Graduate Schools and Institute, stimulating collaboration on crosscutting subjects.

For the past few months, Université Paris-Saclay has progressively deployed interdisciplinary programmes supported by the University's Graduate Schools and Institute, involving research teams and existing courses.

Through these interdisciplinary programmes, Université Paris-Saclay aims to equip itself with means for mobilising leading scientific communities around national, European and international issues, highlighted as priorities for society.

Five programmes were validated by the University's Executive Committee in September 2021:

- The **Bioprobe** programme covers projects in Chemistry and Physics to explore biological processes and cellular signalling for applications in diagnostics and imaging.
- **Metabiodivex** is an interdisciplinary programme for the exploration and development of natural resources for health, agriculture, food and the environment.
- the **H-CODE** programme (Human-in-the-Loop for Control and Decision) is dedicated to the study of control and theory on different scales (cellular, individual and societal), with an emphasis on computational modelling rather than purely data-driven strategies.
- The **Institute for Sustainable Energy** will focus on sustainable means of energy production, storage, conversion, distribution and use, while taking into account the related economic and societal aspects.
- The **AllCan** programme aims to set up an '**Alliance for the Climate: Let's take action Now!**' to rally teaching and research teams at Université Paris-Saclay around technological challenges linked to climate and environmental transitions, by establishing courses and an innovation and research hub that combines academic and technological knowledge.

These five programmes complement three existing programmes.

Quantum, the University's quantum science and technology centre, was the first programme to be launched.

Two interdisciplinary programmes were launched in June:

- **The Research Institute for Health and Therapeutic Innovation – ISIT/HEALTHI*** is an interdisciplinary programme built on four Graduate Schools: HeaDS, LSH, Public Health and Chemistry. It is a multidisciplinary consortium of teams working together on human health and the treatment and prevention of disease, bringing together interdisciplinary skills.

- **The Centre for Interdisciplinary Studies on Biodiversity, Agroecology, Society and Climate (C-BASC)** aims to contribute to the study, design and implementation of ecological and agro-ecological transitions through interdisciplinary research, education and innovation.

Approximately twenty programmes are set to be launched by the end of 2022.

ABOUT UNIVERSITÉ PARIS-SACLAY

Université Paris-Saclay brings together ten constituent faculties and institutes, four Grandes Écoles, the Institut des Hautes Etudes Scientifiques, two associate institutions and shared laboratories with six national research organisations.

With 48,000 students, 8,100 lecturers and 8,500 administrative and technical staff members, Université Paris-Saclay offers a comprehensive and varied range of undergraduate to doctorate level programmes and engineering degrees, renowned for their quality thanks to the reputation and commitment of the University's academic staff.

Located in the south of Paris on vast sites that stretch across Paris, Orsay, Évry and Versailles, Université Paris-Saclay benefits from a strategic geographical and socio-economic position that is strengthened by its international visibility. A leading university, Université Paris-Saclay is recognised for its excellent Mathematics and Physics programmes but also for Biological and Medical Sciences, Agriculture, Engineering, and its extensive Humanities and Social Sciences courses. Close to Paris, Université Paris-Saclay is nested in a protected natural area, at the heart of a dynamic economic hub.



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