

**PRESS RELEASE**

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**The Shanghai Global Ranking of Academic Subjects 2021: Université Paris-Saclay strengthens its position as a world-class research-intensive university**

**On 26 May 2021, Shanghai Jiao Tong University published its annual Global Ranking of Academic Subjects (GRAS). Just like in 2020, this year Université Paris-Saclay came 1<sup>st</sup> in the world for Mathematics and 9<sup>th</sup> for Physics (1<sup>st</sup> in Europe), demonstrating its research excellence once again. The University also secured spots in the global top 50 for 11 subjects, including Agricultural Sciences (12<sup>th</sup> globally, 1<sup>st</sup> in France) and Clinical Medicine (22<sup>nd</sup> globally, 1<sup>st</sup> in France).**

The 2021 edition of the Shanghai Global Ranking of Academic Subjects was published online on Wednesday 26 May, ranking the world's best institutions according to 54 subjects, divided into five areas: Natural Sciences, Engineering, Life Sciences, Medical Sciences and Social Sciences. Université Paris-Saclay appeared in the top 50 for 11 subjects and in the top 100 for another 14.

**For the second year in a row, Université Paris-Saclay was ranked first in the world for Mathematics**, a demonstration of the research excellence conducted by the laboratories within the University's scope.

**Université Paris-Saclay appeared in the Shanghai Ranking's top 50 of the world's best universities for 11 subjects.** It was ranked 9<sup>th</sup> in the world for Physics (1<sup>st</sup> in Europe), 12<sup>th</sup> for Agricultural Sciences, 22<sup>nd</sup> for Clinical Medicine, 29<sup>th</sup> for Telecommunication Engineering as well as for Statistics, 30<sup>th</sup> for Biotechnology, 32<sup>nd</sup> for Automation & Control and 41<sup>st</sup> for Mechanical Engineering.

**The University also made excellent progress** in other subjects, such as **Pharmacy & Pharmaceutical Sciences**, ranking 30<sup>th</sup> globally, and **Chemistry**, coming 49<sup>th</sup>.

These results demonstrate the excellence of the University's disciplinary scientific foundation, led by its **constituent faculties, technical institutes, grandes écoles (CentraleSupélec, AgroParisTech, the École normale supérieure Paris-Saclay and the Institut d'Optique Graduate School)**, the Institut des Hautes Etudes Scientifiques (IHES) and the **six partnering national research organisations**: the French Alternative Energies and Atomic Energy Commission (CEA), the French National Centre for Scientific Research (CNRS), the French National Research Institute for Agriculture, Food and Environment (INRAE), the French National Institute for Research in Digital Science and Technology (INRIA), the French National Institute of Health and Medical Research (INSERM) and the French Aerospace Lab (ONERA). These results also pave the way for new opportunities to **pursue and expand the development of successful interdisciplinary research.**

***“Performing well in rankings is not an end in itself for our University. However, it is a source of pride for our community and a recognition internationally of the work carried out by our researchers and academic staff working in the laboratories within our faculties and grandes écoles, in collaboration with partnering national research organisations,”*** said Sylvie

Retailleau, President of Université Paris-Saclay. *“I am delighted by these excellent results that we share with other French universities. They prove that France’s research potential is real and that this research needs to be supported.”*

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### ***1<sup>st</sup> in Mathematics, 9<sup>th</sup> in Physics, 12<sup>th</sup> in Agricultural Sciences: Université Paris-Saclay confirms its position as a world-class university***

Université Paris-Saclay’s **excellent performance in Mathematics** is the fruit of the work carried out by nine laboratories: the *Laboratoire de Mathématiques d’Orsay* (the Orsay Mathematics Laboratory) at the Faculty of Sciences - **UPSaclay/CNRS**; the *Laboratoire Alexander Grothendieck* (the Alexander Grothendieck Laboratory) - **IHES/CNRS**; the *Centre Borelli* - **ENS Paris-Saclay - UPSaclay/CNRS**; the *Fédération de Mathématiques de CentraleSupélec* (the CentraleSupélec Mathematics Federation) – **CentraleSupélec - UPSaclay/CNRS**; the *Institut de Physique Théorique* (the Institute of Theoretical Physics) - **CEA Saclay/CNRS**; the *Laboratoire de Mathématiques et Modélisation d’Évry* (the Évry Mathematics and Modelling Laboratory) - **Université d’Évry**; the *Laboratoire de Mathématiques de Versailles* (the Versailles Mathematics Laboratory) - **Université de Versailles Saint Quentin/CNRS**; the *Laboratoire Mathématiques et Informatique Appliquées* (the Applied Mathematics and Computer Science Laboratory) - **AgroParisTech - UPSaclay/INRAE**, and the *Laboratoire Mathématiques et Informatique Appliquées du Génome à l’Environnement* (the Laboratory for Applied Mathematics and Computer Science from Genomes to the Environment) - **INRAE**.

**Physics** at Université Paris-Saclay maintained its excellent 9<sup>th</sup> place globally, thanks to the laboratories at the **Faculty of Sciences**, its *grandes écoles*, (**CentraleSupélec**, **ENS Paris-Saclay**, and the **Institut d’Optique Graduate School**) and its partnering national research organisations, in particular the **CEA** and **CNRS**.

**Agricultural Sciences**, which is coordinated in particular by the laboratories at **AgroParisTech**, **INRAE**, the **CNRS** and the **Faculty of Sciences** at Université Paris-Saclay, also secured a 12<sup>th</sup> place globally.

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### ***An excellent performance for Engineering***

In the **Engineering** category, Université Paris-Saclay strengthened its excellent rankings in a range of subjects: **Biotechnology** (30<sup>th</sup> globally, 1<sup>st</sup> in France); **Automation & Control** (32<sup>nd</sup> globally, 1<sup>st</sup> in France) and **Telecommunication Engineering** (29<sup>th</sup> globally, 1<sup>st</sup> in France). These strong results are thanks to the research carried out in its laboratories at the **Faculty of Sciences**, its *grandes écoles* (in particular **CentraleSupélec** and the **Institut d’Optique Graduate School**) and its partnering national research organisations - the **CEA**, **CNRS**, **ONERA** and **INRIA**.

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### ***Promising progress for two subjects in Life Sciences***

**Université Paris-Saclay is ranked 22<sup>nd</sup> in the world for Clinical Medicine (1<sup>st</sup> in France)**

*“We are delighted by this lasting international recognition that illustrates the quality of the research led by the Paris-Saclay Faculty of Medicine, in collaboration with national research organisations (CEA, CNRS and INSERM), various medical centres and also Gustave Roussy. This has come during a time when the Faculty of Medicine and our medical and paramedical teams have been at the very forefront*

of the fight against Covid, leading key research,” said Didier Samuel, Dean of the Faculty of Medicine at Université Paris-Saclay.

### **Université Paris-Saclay is ranked 30<sup>th</sup> in the world for Pharmaceutical Sciences**

“This excellent performance rewards the scientific policy led by the Faculty of Pharmacy at Université Paris-Saclay, which is today France’s largest academic research centre in Pharmacy, recognised in the field of medicine but more particularly for therapeutic innovation. It acts as a reward for the quality of the scientific work it carries out with national research organisations (CNRS and INSERM),” said Marc Pallardy, Dean of the Faculty of Pharmacy at Université Paris-Saclay.

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## **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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