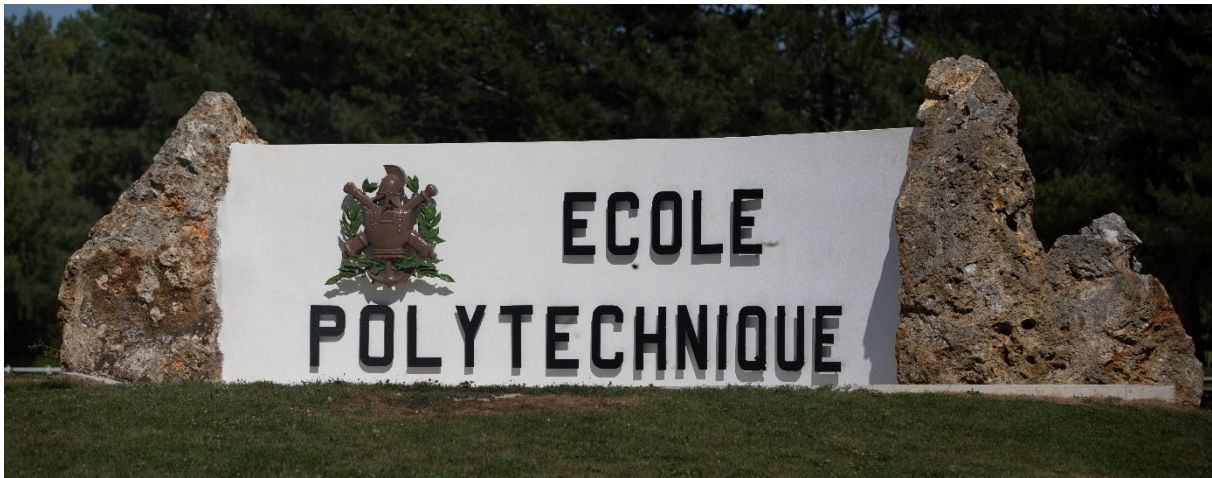




PRESS RELEASE – APRIL 2nd, 2024

École Polytechnique and Columbia University's Global Dual Degree in Engineering will welcome its first students in September 2024



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FRANCE –École Polytechnique and Columbia University are proud to introduce a joint Bachelor's and Master's degree in Engineering. Students graduating from this Global Dual Degree in Engineering will obtain two degrees, in less than five years, from two world-class academic Institutions: a Bachelor's degree from École Polytechnique and a Master's degree from Columbia University. This new program, taught entirely in English, will accept its first cohort of students in September 2024.

Partners for over 20 years in the Alliance Program, École Polytechnique, France's leading engineering Institution, and Columbia University are strengthening their collaboration by joining forces to offer a prestigious science and engineering programme. **Taught entirely in English**, this new degree will provide students with a well-rounded educational experience with 3 years spent in France and 18 months in the United States.

Tailored to academically inclined students, it will deliver a **holistic curriculum that emphasizes mathematics, research and a global mindset**. The program prepares graduates to pioneer novel solutions in a range of fields, including sustainability, environmental conservation, resource management, climate change etc.

A Bachelor of Science degree in France with three double track options

École Polytechnique's Bachelor Program is a **multidisciplinary degree** for internationally-oriented students capable of following a rich and demanding curriculum. Taking advantage of École Polytechnique preference for small class sizes, this intensive programme offers students **the choice of three double track** allowing them to customize their academic journey with a specialization according

to their professional goals: Mathematics and Economics, Mathematics and Computer Science or Mathematics and Physics.

Created with a **research-oriented learning mindset**, Bachelor students have to learn concepts but also experiment them by working in École Polytechnique's labs on real problems currently tackled by the Institution's scientists. They are also expected to do a Bachelor Thesis, carried out in the form of a research project.

On top of their education in mathematics and fundamental sciences, the students follow several courses in Humanities and Social Sciences, Foreign Languages, Sports and Personal Development to enhance their background and knowledge.

A wide choice of Masters of Science degrees in the United States

The Fu Foundation School of Engineering and Applied Science at Columbia University offers students the **choice of nine Masters** according to the double track chosen during their Bachelor degree: Applied Mathematics, Applied Physics, Earth and Environmental Engineering, Mechanical Engineering, Computer Science, Data Science, Materials Science and Engineering, Financial Engineering and Operations Research.

Promotion to Columbia's Master's degree programs will be decided by the Student Progression Committee, based on academic performance and project requirements.

With this Global Dual Degree in Engineering, a **new transatlantic bridge** is created, which will open new pathways in education excellence and research collaboration.



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ABOUT ÉCOLE POLYTECHNIQUE / École Polytechnique, also known as L'X, is the leading French institution combining top-level research, academics, and innovation at the cutting-edge of science and technology. Its various undergraduate and graduate-level programs – Bachelor of Science, Ingénieur Polytechnicien (Master's level program), Master's, and PhD – are highly selective and promote a culture of excellence with a strong emphasis on science, anchored in humanist traditions. As a widely internationalized university, École Polytechnique offers a variety of international programs and attracts a growing number of foreign students and researchers from around the globe (currently 41% of students and 40% of faculty members). École Polytechnique offers an exceptional education to prepare bright men and women to excel in top-level key positions and lead complex and innovative projects which meet the challenges of 21st century society, all while maintaining a keen sense of their civil and social responsibilities. With its 23 laboratories, 22 of which are joint research units with the French National Center for Scientific Research (CNRS), École Polytechnique Research Center explores the frontiers of interdisciplinary knowledge to provide major contributions to science, technology, and society. École Polytechnique is a founding member of Institut Polytechnique de Paris.

www.polytechnique.edu