

École Polytechnique

STEM Studies

Plateau de Saclay, Palaiseau, France

Brown in France Program

École Polytechnique is a leading French institution which combines top-level research, academics, and innovation at the cutting-edge of science and technology. The Bachelor of Science is a program designed for students with a strong interest in Mathematics and Science. This highly selective and multidisciplinary program is entirely taught in English. It is an intensive program in which students choose from the following double majors: Mathematics and Computer Science, Mathematics and Economics, Mathematics and Physics. Students benefit from an exceptional learning environment in which they have access to cutting-edge facilities located in École Polytechnique's Research Centers.

At A Glance

Program Dates: Fall semester (early August - mid-January)
spring semester (early January - mid-June)

Language of Instruction: English

Housing: Polytechnique provides students with individual dorm rooms furnished with a bed, a cupboard, a refrigerator and a private bathroom. All rooms have internet access. Students share a common kitchen, where they can cook and prepare their food with others, or they can choose to eat in the campus cafeteria or restaurant.

Eligibility: Open to Brown and visiting junior-level students with a strong background in mathematics.

Requirements: Students must be in good academic standing and should have a strong background in math and physics, including Linear Algebra(which is required). Second semester college-level French(Basic French/FR EN 0200) or the equivalent recommended, but not required.

Courses

+ In the Bachelor Program, students take core courses in their two fields of study, as well as a French-language course and electives in the humanities. The three double majors from which they may choose are Mathematics and Computer Science, Mathematics and Economics, Mathematics and Physics. Students with an advanced level of French (B2), may also select courses from the French Engineering track.



PROGRAM HIGHLIGHTS

Three dual tracks available to students:

Mathematics and Computer Science

Mathematics and Economics

Mathematics and Physics

Intensive month-long language course at CAVILAM in Vichy, followed by a semester of study at École Polytechnique

+ All students begin their semester in France with a three-to-four-week intensive language course at CAVILAM in Vichy, located in the central Auvergne region, where they live with French hosts. After completing this intensive language study, they move to the Polytechnique campus, located approximately one hour from Paris.

Host Institution

Polytechnique is the most prestigious Grande École in France. Its curriculum promotes a culture of excellence with a strong emphasis on science, anchored in humanist traditions. The school produces socially responsible professionals who excel in leading complex and innovative projects which address current and future challenges facing our society.

Visit brown.edu/oip for more information.