« PAM'S » PARIS APPLIED MATHS SEMESTER

@ Ecole nationale des ponts et chaussées

ÉCOLE NATIONALE DES PONTS ET CHAUSSÉES
IP PARIS

Why study maths in France ?
Mathematical research has a long-established history in France. Mathematics courses at École nationale des ponts et chaussées achieve a delicate balance between fundamental aspects and applications.

CALENDAR

Next fall semester session: Beginning September 2026
to End January 2027
Application deadline: 31st March 2026

CONTACT

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Application: https://ecoledesponts.fr/en/international/studying-school/apply-non-degree-exchange-mobility

- For Senior Bachelor students
- Fully taught in English (B2 level required), no prior knowledge of French required
- Credit transfer mobility
- Tuition fees: 630 € in 2025/ tuition waiver for École nationale des ponts et chaussées partner universities (Erasmus +)
- Accommodation on campus (East of Paris) or in Paris Center
- Campus facilities
- Bespoke academic supervision and small class teaching
- Full École nationale des ponts et chaussées student experience
- Support for administrative procedures (French bank account, health insurance, etc.)

ACADEMIC PROGRAM

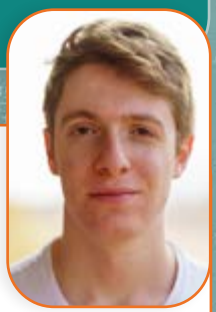
- Advanced undergraduate courses
  - Calculus and Introduction to Partial Differential Equations (8 ECTS)
  - Analysis and applications (7 ECTS)
  - Introduction to probability theory (4 ECTS)
  - Introduction to optimization (4 ECTS)
- Basic graduate courses
  - Operations research (7 ECTS)
  - Stochastic processes and applications (7 ECTS)
  - Numerical statistics & data analysis (4 ECTS)
- Advanced undergraduate/basic graduate courses
  - Project (8 ECTS)
  - Sport
  - French classes

Gabriela Delatorre (Universidad Politécnica de Madrid)

«École des Ponts has incredible facilities such as the sports courts, the library... and its spectacular facade! Professors are really close to students (they help you with any problem you have, whether for a scholarship or for an exercise you don't understand!). I had various opportunities to discuss my choices of course, and they were adapted to my previous training, which was very helpful.» «École des Ponts trains excellent engineers, but also gives them the opportunity to participate in various experiences out of the books. Special care is attached to integrating foreign students by including them in activities, sports...»

Martin Chaya (Universidad Politécnica de Madrid)

«The PAM'S program has been an amazing opportunity for my academic training. I particularly enjoyed the possibility to develop a project with a tutor supervising me individually, which was a really pleasing and enriching experience. What stood out the most to me is the adaptability of the program. In order to help me choose the courses that best suited me, teachers in the PAMS program asked me about my background and future interests, in order to build a program really personalized to my needs.»



Marco Zoffoli (Università di Trento, Italy)

«I am very pleased I decided to attend the applied mathematics programme at École des Ponts, both because of the great variety of courses available in multiple departments, and because of the great focus on practical applications of mathematical theories. Moreover, the attention on the creation of personalised academic curricula depending on one's previous experiences is truly remarkable.»