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

École des Ponts ParisTech, created in 1747 under the name École Royale des Ponts et Chaussées, is a higher education establishment that educates scientists and engineers to a high level of scientific, technical and general competency.

CERMICS (Center for Training and Research in Mathematics and Scientific Computing) is the research center in applied mathematics at Ecole des Ponts ParisTech. Its originality resides in its capacity to build bridges between deterministic and stochastic approaches and to develop both theoretical and numerical methods.

https://cermics.enpc.fr

> For Senior Bachelor students
> Fully taught in English (B1 level required), no prior knowledge of French required
> Credit transfer mobility
> Tuition fees: 500 € / tuition waiver for École des Ponts ParisTech partner universities (Erasmus +)
> Accommodation on campus (East of Paris) or in Paris Center
> Campus facilities
> Bespoke academic supervision and small class teaching
> Full École des Ponts ParisTech student experience
> Support for administrative procedures (French bank account, health insurance, etc.)

ACADEMIC PROGRAM

30 ECTS (scientific courses, project, languages, sports)
Choose among:
> Elements of differential and integral calculus (1 ECTS)
> Analysis and scientific computing (3.5 ECTS)
> Optimization (2.5 ECTS)
> Probability theory (2.5 ECTS)
> Algorithmics and C++ Programming (3.5 ECTS)
> Operational research and optimization (3 ECTS)
> Statistics & data analytics (2 ECTS)
> Statistical physics (2 ECTS)
> Foreign languages (French) (1.5 ECTS)
> Sport (1 ECTS)
> Two projects within CERMICS lab (6.5 ECTS each)

APPLICATIONS

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Application:
http://www.ecoledesponts.fr/en/applied-maths