## A highly selective 3-year program, fully taught in English

- Challenging scientific program designed for top level students
- French courses for non-French speakers
- Variety of foreign languages

## A multidisciplinary scientific core with bi-disciplinary specializations

- Demanding multidisciplinary scientific curriculum focused on mathematics and computer science
- Three double majors after the first year of core curriculum:
  - Mathematics and Physics
  - Mathematics and Computer Science
  - Mathematics and Economics
- Humanities throughout the curriculum
- Optional: Chemistry or Biology

## From theory to practice: learning in the labs with researchers

- Project-oriented curriculum
- Fruitful contacts with highly reputed scientists
- Cutting edge technologies and innovation driven training

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## Developing soft skills: team spirit, leadership, interpersonal competence

In addition to fundamental sciences, our Bachelor students follow several courses providing them with the complementary soft skills to round out their background and knowledge. Through their courses in humanities and social sciences, they discover artistic and literary masterpieces, learn about French and European political systems and discuss ethical questions related to sciences. Emphasis is put on innovation management and entrepreneurship, giving a taste of how companies operate. Sports are practised at least once a week, allowing our students to enjoy the great facilities on campus.
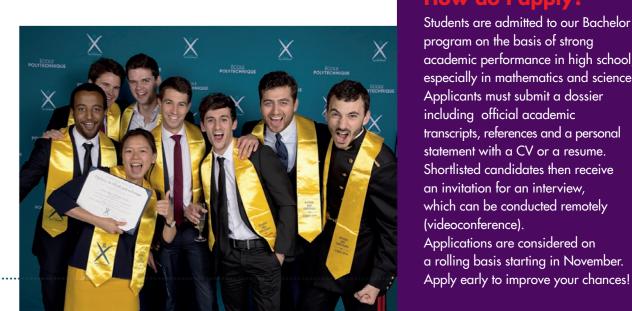
## An international and multicultural environment

With over 60 nationalities on campus and close to 40% of international faculty, École Polytechnique offers a multicultural environment, promoting diversity and nourishing intercultural dialogue. The possibility for our Bachelor students to spend a semester abroad in a partner university is also offered in third year.

## Accomodation on campus: taking advantage of an exceptional location

Our campus, located just 20 kilometers south of Paris, is at the heart of the Université Paris-Saclay scientific and economic cluster, where global business heavyweights meet the research driving tomorrow's technological innovation. Taking advantage of this vibrant scientific community and its network is also part of the experience given to all of our students.

## Leading to top level graduate programs worldwide

The primary purpose of the Bachelor program is to open the doors of various Master's and graduate degree programs, at École Polytechnique or other major institutions worldwide. Students receive support and coaching to further pursue their studies in the domains of their dream, such as cryptography, Internet of Things, Big Data, astrophysics, mechanical engineering, robotics, financial engineering, energy management, nanotechnologies, monetary policy, development economics, business strategy, materials chemistry, biotechnology…

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## Is this program right for me?

### Yes! If you:

- are passionate about science and mathematics in particular;
- like stimulating challenges and want to learn both theory and practice;
- wish to broaden your horizons through a pluridisciplinary approach;
- want to spend some time in the labs with top level researchers.

## How do I apply?

Students are admitted to our Bachelor program on the basis of strong academic performance in high school, especially in mathematics and science. Applicants must submit a dossier including official academic transcripts, references and a personal statement with a CV or a resume. Shortlisted candidates then receive an invitation for an interview, which can be conducted remotely (videoconference). Applications are considered on a rolling basis starting in November. Apply early to improve your chances!

# École Polytechnique,
## World's 3rd best small university
### according to the Times Higher Education Rankings 2016



Founded in 1794, École Polytechnique upholds a tradition of excellence in multidisciplinary scientific education including humanities, languages and sports. A foremost science and technology university worldwide, it remains a human-sized institution with a 5:1 student-teacher ratio.

To ensure their success, our students are provided with very dedicated services, such as individual academic coaching or close mentoring, and receive tailored advice from faculty members for their personal development and future prospects, accounting for École Polytechnique's ranking as world's 3rd best small university according to the Times Higher Education Rankings 2016.

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# ÉCOLE POLYTECHNIQUE
# Bachelor Program

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