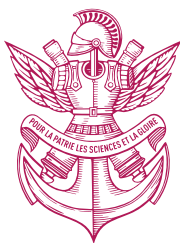


WELCOME GUIDE

MASTER OF SCIENCE & TECHNOLOGY





ÉCOLE POLYTECHNIQUE

- 8** Creation
- 9** Programs
- 10** Different aspects
- 11** Useful tools
- 12** The staff
- 13** Other helpful departments

PRACTICAL INFORMATION

- 16** Food Options on campus
- 17** Post Office
- 17** Hairdresser
- 18** Library
- 18** Banks
- 18** Cellphones
- 18** Groceries
- 19** Pharmacy
- 20** Doctor
- 22** Public transport in Ile-de-France
- 23** Traveling Outside of Ile-de-France
- 24** Culture
- 25** Sports
- 26** Floor plan
- 27** Campus map



Dear Student,

The entire École Polytechnique community is excited to welcome you to your new school. We designed this brochure to help facilitate your transition to campus and to provide you with some handy information. You might want to hold on to this booklet for a while so that you can use it as a reference tool.

École Polytechnique provides students with a world-renowned education complemented by vibrant student life on campus.

The institution's 225-year history means that our students have long-standing traditions, which you will soon better understand and in which you will participate.

If you need information at any time, please do not hesitate to ask your classmates, or our staff or professors.

We're all here to help you!

*Best wishes for your first year,
The MSc&T Team*



ÉCOLE POLYTECHNIQUE



CREATION

of École Polytechnique

École Polytechnique is a leading French institute that combines top-level research, academics, and innovation at the cutting edge of science and technology. Its curriculum promotes a culture of excellence with a strong emphasis on science, anchored in humanist traditions.

École Polytechnique was founded in 1794, under the name École Centrale des Travaux Publics (Central School of Public Works), as a response to the dearth of engineers and high-level officials in France during the French Revolution.

Renamed École Polytechnique in 1795, its mission was to provide its students with a well-rounded scientific education with a strong emphasis on mathematics, physics, and chemistry, and to prepare them upon graduation to enter the national institutes of public works, such as École d'Application de l'Artillerie et du Génie (School of Applied Artillery and Engineering), École des Mines, and École nationale des ponts et chaussées (National School of Bridges and Roads).

In 1804, Napoleon Bonaparte granted École Polytechnique its military status and also gave the school its motto: "Pour la Patrie, les Sciences et la Gloire" (For Nation, Science and Glory).

Master of Science and Technology Programs were created 200 years later, in the fall of 2016.

Did you know?
École Polytechnique's first set of international students entered the institution in 1798. The first female students were admitted in 1972.



PROGRAMS

of École Polytechnique

Ingénieur Polytechnicien Program

École Polytechnique's *Ingénieur Polytechnicien* Program is a unique four-year degree. Students spend the first three years studying for a Master of Engineering, Science and Technology, and at the end of their fourth year, receive their official Diploma of École Polytechnique.

This four-year curriculum offers:

- Multidisciplinary scientific training that gives students a broad scientific base (basic sciences, engineering sciences, social economics).
- Human, military and sports training that allows students to develop their behavioral and relational skills.
- Specialized courses with advanced scientific concentrations that rival the top engineering schools worldwide.

Bachelor

École Polytechnique also hosts a Bachelor of Mathematics and Science program. This program is directed at inter-

national students and is fully taught in English. Its curriculum mainly focuses on mathematics and offer three double majors to its students:

- Mathematics and Physics
- Mathematics and Computer Science
- Mathematics and Economics

Master programs and PhD

École polytechnique offers high-level graduate programs in the fields of Science and Technology, Health, Engineering Science, Economics and management, and Sustainable Development.

These programs combine fundamental research, technology application and development, and innovation management. All of them include a significant taught element and a research component (*e.g.* research-related courses, thesis/dissertation, internship/project, lab work, etc.).

DIFFERENT ASPECTS of École Polytechnique

As a higher education establishment, l'X naturally seeks to share the most up-to-date knowledge to benefit its students.

However, École Polytechnique also creates knowledge, for its professors are both teachers and researchers. The school's research strategy is built around three pillars: 23 laboratories, 8 areas of research, and cross-laboratory and multidisciplinary projects.

These laboratories bring together 1,650 research personnel, including almost 500 PhD students.

École Polytechnique is under the authority of the Ministry of Armed Forces and has a military status. However, only students of the Ingénieur Polytechnicien Program (the core engineering program) have the status of officer cadet (élève-officier). They complete personal development and military training at the beginning of their curriculum.

Yet, the values of respect, hard work, and mutual assistance are common to all programs. Even if you are not an offi-

cer cadet, you will notice that the military staff still has an important place in the Master of Science and Technology programs: they are our sport coaches; they are involved in our Team-Building weekend; etc.

Though École Polytechnique is a scientific institution, other courses like sports, languages, and humanities will be some of the core subjects in your curriculum.

École Polytechnique is a Grande École, not a university. This means that the rules are quite different. Classes are mandatory and, in case of frequent failure to attend, the Academic Council will lower your grades.

Useful tools

X campus

Download this app to find your way around the campus.

SynapseS

Log in to your SynapseS account to check your timetable, your grades, syllabi, and other academic material.

Pegase

Log in to your Pegase account to download administrative documents such as school certificates.



The staff

The MSc&T Team



Alexandra Belus is the Dean of the PhD and Master's Programs.



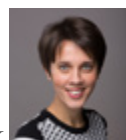
Anne Chrétien is the Head of the MSc&T.



Nicolas Clercy,



Maëlle Couvin &



Marie Milevsky

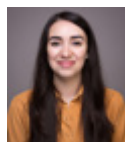
are the Program Coordinators. They are the referents for your chosen course, they advise you on classes, prepare timetables and organize classes with professors, and work in tandem with the Registrar and the Head of the MSc&T Programs.



Arthur Baudin is the Registrar. You may contact him with issues concerning timetables or classrooms.



Cristina Rotaru &



Lauriane Catoire make up the Admissions Team. They can help you with your administrative enrollment, housing, or scholarships.



Ariane Lherm is your contact person at the BASIX (the International Student Welcome and Services Office), who can help you with administrative procedures related to visa, immigration, health insurance and residence permit renewal.

Other helpful departments

SOIE

This is the internship office. They will give you advice for your internship, guide you through the administrative process and assist you if you encounter any trouble.

Reception

You may go to the Reception for lost objects or to help you find a room when you are lost.

DSI

This is the IT department. They will help you with any problem linked to your online account at Polytechnique. Use this online account to log in to SynapseS and Pegase.



PRACTICAL INFORMATION



PRACTICAL

information

Food Options on campus

The Magnan

This is the main cafeteria. Its opening hours are as follows:

Monday-Friday

Breakfast 7:30am to 8:30am

Lunch 11:30am to 2:00pm

Dinner 5:30pm to 7:15pm

Saturday

Breakfast 8:30am to 9:00am

Lunch 12:00pm to 1:30pm

Dinner 6:30pm to 8:00pm

Sunday

Breakfast 8:00am to 9:00am

Lunch 12:00am to 1:30pm

Dinner 6:30pm to 8:00pm

Over the summer, you should have had the opportunity to top up your badge/ student ID with money to pay for your meals at the Magnan. If not, you can top up your card by visiting the cashier's office located by the entrance immediately before entering the cafeteria and pay in cash. Following this, you may top up your ID card either with your debit card at the yellow machines located by the entrance to the Magnan, or online.



The Safran

This is a café where you can grab a cup of coffee, tea, or enjoy a sandwich, croissant, or a salad. It's the perfect stop for a quick snack or lunch! The inviting space is ideal for meeting up with your friends or colleagues.

It's located on the upper floor of the Grand Hall, above the post office.

Note: Your student ID won't be accepted for payment here; you'll have to pay by cash or debit card.



BimBimGo

This food delivery service offers quick, homemade meals you can order online or from their app. Fresh and relatively inexpensive, this is a great way to have a delicious meal on the go.



Check out their website here:
www.bimbimgo.com

CROUS resto

This restaurant is located behind the laboratory parking lot, next to the Kley residence. Opening hours are Monday to Friday from 11.30 am to 2 pm.

Post Office

There is a post office on campus in the center of the Grand Hall, where you can purchase stamps and send your mail.

When packages are sent to you on campus, a note may be placed in your mailbox indicating that your package has been sent to the post office in Palaiseau (i.e. not the École Polytechnique post office, but the one in Palaiseau town center).

There is also a pick-up station at l'X where packages can be delivered. It is located on Cour Ferrié, next to Reception.

Hairdresser

There is a hairdresser located in the Grand Hall. Prices are about €15-17 for students (€10 for a buzz cut). Opening hours are Monday to Friday, 10 am to 6 pm.

Library



École Polytechnique has a well-stocked library where you can find various print materials, from comics and novels to scientific papers. It is located in the Grand Hall. Your student ID card allows you to check out a maximum of 12 books at a time. Remember that you have one month to return these books. You can extend this period to a maximum of 3 months, on the Library website:

<http://www.bibliotheque.polytechnique.edu>

- Free:
www.mobile.free.fr
- SFR:
www.sfr.fr
- Bouygues:
www.bouyguestelecom.fr/forfaits-mobiles/forfaits-sans-engagement
- Orange:
www.orange.fr

Check out the websites above to see which company's plan suits your needs.

Groceries

The nearest supermarket is the one next to the Kley Residence:

- Franprix, Avenue de la Vauve, 91120 Palaiseau.

There are also 2 supermarkets in Camille Claudel neighbourhood (20 minutes' walk or 5 minutes with bus 91.06):

- Carrefour city, 2 Route de Saclay, Place des Causeuses, 91120 Palaiseau
- Cocci market, 97 Rue Maurice Bertheaux, 91120 Palaiseau.

All three of the supermarkets listed above are quite small.

Cora

Large supermarket open Monday to Saturday from 9am to 9:30pm. There are two ways to get there:

- Take bus 91.10 and get off at "Avenue de l'Europe, centre commercial".
- Take bus 91.06 and get off at Masy-Palaiseau train station. From

Banks

You can open your French bank account with one of the four partner banks of École Polytechnique. They are present on campus once a week.

- BNP: every Wednesday
- Crédit Agricole: on demand
- LCL: every Friday
- Société Générale: every Thursday.

Cellphones

Once you receive your bank details (RIB) from your French bank, you can get a cellphone plan.

There are a few main cellphone plan providers including:

there, take bus 399 and get off at “Avenue de l’Europe, centre commercial”.

Auchan

This is a big supermarket in a large mall; open Monday to Saturday from 8:30am to 9:30pm. There are two options to get there:

- Take bus 91.06 or 91.10 and get off at Massy-Palaiseau train station. Take bus DM153 and get off at “La Bretèche–Centre Commercial Villebon 2”.
- Take bus 18 from Lozère train station to go there directly (NB: check the bus schedule because this bus passes infrequently).

An alternative to traditional grocery shopping is to have your groceries delivered to campus.

- Order your groceries with this websites, and have it delivered:

www.auchandirect.fr

www.carrefour.fr

www.houra.fr

Fast food delivery on campus

- A number of apps allow you to order online and pick the time of delivery, which can come in handy, especially for non-French speakers. They also offer a wide choice of cuisines:

Just Eat

Uber eats

Pharmacy

The nearest Pharmacy is located in Camille Claudel neighbourhood just in front of Carrefour city (20 minutes’ walk or 5 minutes with bus 91.06):

- Pharmacie des Écoles – TRAN,
2 Route de Saclay, Place des Causeses, 91120 Palaiseau

There are other pharmacies in Palaiseau city center and next to Massy-Palaiseau Train station.

If you’re sick, it’s better to visit a doctor first, as they can give you a prescription to buy the right medicine. When purchasing your prescription, the pharmacy provides you with a *feuille de soin* document, which you can send to Social Security in order to receive a reimbursement. You can be reimbursed up to 70% by Social Security alone, and up to 100% if you also have a complementary health insurance policy known as a *mutuelle*. Once you have your *Carte Vitale* (social security card) you don’t need a *feuille de soin*; just present your *Carte Vitale* at the pharmacy for the Social Security reimbursement to be automatically deducted from the total price. If you have your *Carte Vitale*, a *carte de tiers payant* (*mutuelle* card) and a prescription from the doctor, your medicine will be free of charge.

Doctor

Dr. De Langavant Buyer is the general practitioner on campus, who provides free consultations at the Medical Service, especially for our master's and bachelor's students (on Tuesday, Wednesday and Thursday morning).

It is important to declare your choice of primary care physician to Social Security in order to receive your healthcare reimbursements. You can download the required form from Service-Public.fr. You can choose either Dr. De Langavant Buyer or a general practitioner off

campus. A list of general practitioners based in Palaiseau is given on the next page. You can also visit the <https://www.doctolib.fr/> website to find general and specialist practitioners (in French).

In case of a life-threatening emergency call 18 (*or 01.69.33.34.33: on site firemen, if you're in the school*).

In case of a non-life-threatening but real emergency, the nearest hospital is in Orsay: 4 place du Général Leclerc, 91400 Orsay.

General practitioners in Palaiseau

LAST NAME First Name	Address	Telephone	English Speaking
Broquet Didier	84 rue Maurice Berthaux 91120 Palaiseau	+33 (0)1 69 31 04 20	No
Chabrierie Elise	7 avenue du 8 mai 1945 91120 Palaiseau	+33 (0)1 60 14 53 03	Yes
Chaumont Patrick	4 rue Charles Péguy 91120 Palaiseau	+33 (0)6 12 92 88 83	Yes
Cortinovis Sébastien	7 avenue du 8 mai 1945 91120 Palaiseau	+33 (0)1 60 14 53 03	Yes
Dekindt Christophe	50 boulevard de Lozère 91120 Palaiseau	+33 (0)1 69 79 22 81	No
Donguy Elsa	7 avenue du 8 mai 1945 91120 Palaiseau	+33 (0)1 60 14 53 03	Yes
Dumond Frédéric	Cabinet médical 29 avenue de Stalingrad 91120 Palaiseau	+33 (0)1 69 20 01 15	Yes
Evrard-Laverdure Dominique	Cabinet médical 29 avenue de Stalingrad 91120 Palaiseau	+33 (0)1 69 20 11 28	Yes
Ghasarossian Christian	7 rue Pasteur 91120 Palaiseau	+33 (0)1 60 14 00 19	Yes
Haykal Diala	49T rue de Paris 91120 Palaiseau	+33 (0)1 60 10 64 55	No
Klein Stéphane	4A résidence du Val 91120 Palaiseau	+33 (0)1 60 14 09 90	Yes
Lam Stéphanie	49T rue de Paris 91120 Palaiseau	+33 (0)1 60 10 64 55	Yes
Lesage Guillaume	1 rue Jean Cattant 91120 Palaiseau	+33 (0)1 85 41 09 10	No
Tessier Alain	Cabinet médical 29 avenue de Stalingrad 91120 Palaiseau	+33 (0)1 69 20 01 15	Yes

Public transport in Ile-de-France

(Paris and suburbs)

Before doing anything, we strongly recommend downloading the RATP app on your phone to search for transit routes, timetables, etc.

École Polytechnique is in a southern suburb of Paris.

To get to Paris you have two options:

- Go down the steps from campus to the Lozère station and take train line RER B.
- Take any of the following buses: 91.10 or 91.06 to Massy-Palaiseau trainstation. From there you can catch the RER B or C to Paris.



NB: On weekends, buses pass infrequently, so check timetables.



If you anticipate using public transit frequently, the best option is to purchase an Imagin'R card, which costs €350 (including €8 in administrative fees) and lets you travel in Île-de-France for the whole academic year (you can pay once for the whole year or in monthly installments). This program is only available to students under 26 years old, and you can apply for it on the Navigo website or at the RATP information desk in the RER station.

If you plan to use public transit more occasionally then you should buy one way tickets (Ile-de-France tickets or T+ tickets).

On the weekend, students under 26 years old can purchase a *Ticket Jeune* which is available for a range of zones, so if you're coming from campus, you'll want to purchase one for zones 1-5. This ticket can be used for multiple trips taken during the day of purchase.

For more information visit the RATP website:

➤ <https://www.ratp.fr/en/titres-et-tarifs>

Traveling Outside of Ile-de-France

There are several options to travel beyond Ile-de-France; one of the cheapest is the bus. Several companies in Europe offer alternatives to the train; some popular ones are:

- <http://fr.ouibus.com/fr>
- www.isilines.fr
- www.flixbus.fr

Traveling by bus can take more time than you would expect; a quicker option might be the train. More information is available here:

<https://www.voyagessncf.com>

Flying is another option. The easiest airport to reach from campus is Orly Airport. To get there from campus, take the 91.10 that brings you directly to Orly (west or south). Avoid taking the Orlyval shuttle from Antony RER station unless there are no more buses.

FYI: Despite the attractive prices, landing at Beauvais airport (BVA) is not a very good idea as it is 70km north of Paris and the main way to get to/from campus would be a 1 hour shuttle to Porte Maillot (17 euros ticket for one way), then take the metro and RER B (and finally you would have to climb the steps at Lozère or take the bus at Massy-Palaiseau train station).



Culture

On campus: there are cultural student associations (binets) and also the possibility to play music.

Near Campus: Information on concerts and cultural events in the area can be found here:

- <https://www.destination-paris-saclay.com/en/>
- <https://www.ville-palaiseau.fr/epanouissante/culture>
- <http://paul-b.fr/>

In Paris

There are several websites offering free or cheap invites to events, some of which are listed below:

- <http://www.meetmeout.fr/>
- <https://www.timeout.fr/paris>
- <http://www.parisinfo.com/decouvrir-paris/guides-thematiques/paris-a-petits-prix>
- <http://www.paris-friendly.fr/soiree-paris/pas-cher>
- <http://guideduparisien.fr/guide/consommer/paris-gratuit-bons-plans/>
- <http://en.parisinfo.com/discovering-paris/themed-guides/paris-for-free>

Cinemas

There is a Cinépal cinema in Palaiseau town center, and a Pathé cinema in Massy next to Massy-Palaiseau train station. The cheapest ones in Paris are the mK2 cinemas (Beaubourg, Gobelins and Bibliothèque), where tickets cost €4.90 for students under 26. If you want to know if a movie is available in English, look for VOSTFR or VO (original version) showings.



To learn more about about cultural activities in Paris:

- www.parisinfo.com
- www.sortiraparis.com

Sports

École Polytechnique offers a variety of sport options on campus.

A convenient way to take advantage of the options is to join the Sports Club (CSX). Annual membership costs €24, and you can play a variety of sports offered on campus. The Club is open to everyone!

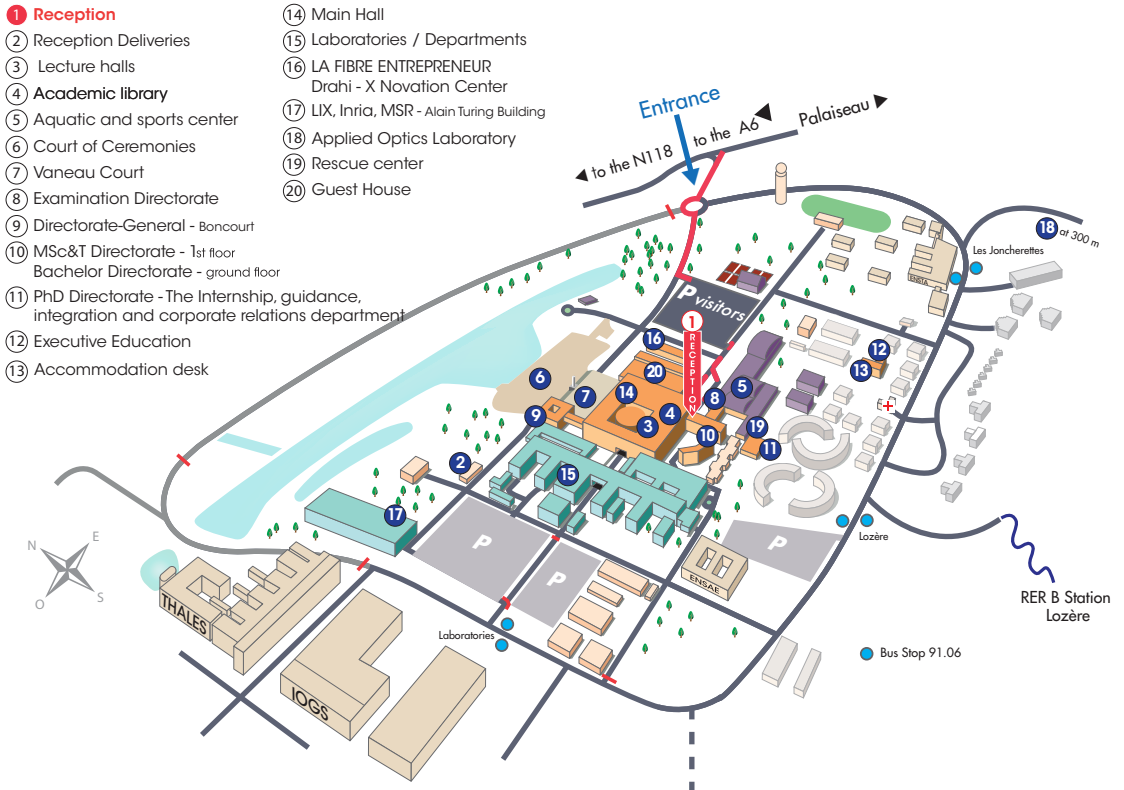
► <http://csx.polytechnique.fr/>



Floor plan



Campus map



Photos : J. Barande

Maquette-impression  **Poly-media**