

# INTERNATIONAL THEMATIC CLUSTERS IN ENGINEERING

## POLYTECHNIQUE MONTRÉAL



**POLYTECHNIQUE  
MONTRÉAL**

TECHNOLOGICAL  
UNIVERSITY



Founded in 1873, Polytechnique Montréal, Technological University, is one of Canada's largest engineering education and research institutions, and ranks first in Québec in terms of the scope of its research activities. Polytechnique has agreements with over 200 institutions all over the world, and international students account for more than one-quarter of Polytechnique's student body. Polytechnique offers courses and programs in the following engineering specialties:

|            |            |            |
|------------|------------|------------|
| Aerospace* | Computer   | Mechanical |
| Biomedical | Electrical | Mining     |
| Chemical   | Geological | Physics    |
| Civil      | Industrial | Software   |

\* Courses offered in aerospace engineering are highly competitive and many restrictions apply.

### Admission criteria for advanced specialized courses



- Registered in a recognized engineering degree program in one of Polytechnique Montréal partner institutions where the language of instruction is not French;
- Minimum academic average: 2.5/4;
- Registered in final years of an engineering degree or currently pursuing graduate studies in a discipline that is related to one of the thematic clusters as described in the *International Thematic Clusters in Engineering* brochure;
- Be officially nominated as a candidate by your university/institution's International Relations and/or Exchange Program Coordinators.

Although no official English language proficiency certificate is required, students must have attained a competency sufficient to succeed in university level engineering courses and assignments in English.

Recommended levels: IELTS (academic training), 6.5 (no portion of test results below 5.5) / TOEFL (paper based): 575 (minimum of 4.5 on the written portion) / TOEFL (Internet based): 90 (minimum of 20 on the written portion).

For detailed information: <http://bit.ly/ClustersPolymtl>



### Quotas

Confirm the number of spots offered with Polytechnique Montréal International.

**!** Admission to the International Thematic Clusters program is for the Fall term only (August to December)

Affiliated to Université de Montréal and to HEC Montréal, Polytechnique is centrally located on the northern slope of Mount Royal, in an exceptional natural setting. Ranked #1 in 2017, the multicultural, cosmopolitan and bilingual city of Montréal is still among the best student cities in the world!



### Important Dates



#### FALL TERM

|                        |                       |                                                         |
|------------------------|-----------------------|---------------------------------------------------------|
| Nomination period      | Application period    | Exchange duration                                       |
| January 15 to March 15 | February 1 to April 1 | Late August to late December<br>(including final exams) |



## Courses Selection

The International Thematic Clusters program description outlines which courses you may select. You are not permitted to select courses which are not a part of your chosen Thematic Cluster.

For detailed information:

[polymtl.ca/etudiants-internationaux/en/international-thematic-clusters-engineering](http://polymtl.ca/etudiants-internationaux/en/international-thematic-clusters-engineering)

## Immigration Documents



Québec Certificate of Acceptance for Studies (CAQ) and the study permit may be mandatory depending on the expected duration of the studies.

Students coming from certain countries, to be authorized to set foot on the Canadian soil, also need a temporary resident visa. Visa-exempt foreign nationals who fly to Canada need an Electronic Travel Authorization.

For detailed information on immigration documents, consult:

[polymtl.ca/etudiants-internationaux/en/preparing-your-stay](http://polymtl.ca/etudiants-internationaux/en/preparing-your-stay)

## Costs



### Tuition Fees

Polytechnique waives tuition fees for short term exchange students in accordance with its exchange agreements with partner institutions. Exchange students shall continue to pay fees to their home institution.

For a sample budget, including cost of living, insurance and accommodation, visit: [polymtl.ca/futur/finances](http://polymtl.ca/futur/finances)

### Health Insurance

It is mandatory for all international students to subscribe to Polytechnique's health insurance plan. Students coming from certain countries are entitled to claim exemption from this plan: [polymtl.ca/etudiants-internationaux/en/preparing-your-stay/3-health-insurance](http://polymtl.ca/etudiants-internationaux/en/preparing-your-stay/3-health-insurance)

### Accommodation

On-campus accommodation is available but can't be guaranteed. Off-campus housing is available, affordable and is typically shared apartment housing. Online resources are offered prior to the start of each semester to assist students in their search for accommodations. [polymtl.ca/rentree/en/housing-search-and-installation-montreal](http://polymtl.ca/rentree/en/housing-search-and-installation-montreal)

## Support upon your Arrival



### Accueil Plus Program

Accueil Plus provides quality reception services to all international students who pass through the Montréal-Trudeau Airport between the beginning of August and the beginning of September: [accueilplus.ca](http://accueilplus.ca)



### Orientation Sessions

Mandatory orientation sessions are held each term, a few days before the start of the classes. The schedule for Orientation activities can be found on the official website of La rentree : [polymtl.ca/rentree/en](http://polymtl.ca/rentree/en)

### Student Life

Student life at Polytechnique is exciting! There are numerous student associations, as well as undergraduate and graduate committees, clubs, and technical societies you can join depending on your personal interests.

For detailed information about student life: [polymtl.ca/vie-etudiante](http://polymtl.ca/vie-etudiante)

## Other Exchange Opportunities

### Research Internship or Final Project

Exchange students can pursue a research internship in one of Polytechnique laboratories for a maximum of 6 credits per term. Students who wish to come for a full time research internship should not apply to the exchange program and must follow a distinct procedure and be able to obtain a work permit.

[polymtl.ca/stagiaires-recherche-internationaux/en](http://polymtl.ca/stagiaires-recherche-internationaux/en)

### French-language exchange programs (one or two terms)

An official assessment of French skills is not required. However, students wishing to study at Polytechnique are advised to have at least intermediate-level skills, equivalent to 785/990 in the Test de Français International (TFI), or Niveau B2 (Level B2) in the Common European Framework of Reference for Language (CEFR) system.

[polymtl.ca/etudiants-internationaux/etudiants-en-echange](http://polymtl.ca/etudiants-internationaux/etudiants-en-echange)

## Contact Us



### Head of the International Mobility Program:

Ms. Mariane LAFRANCE, +1 514 340-4711, ext. 5821 • [etudiant.echange@polymtl.ca](mailto:etudiant.echange@polymtl.ca)

For any question related to collaboration agreements, partnerships and quotas please contact Polytechnique Montréal International:

[point@polymtl.ca](mailto:point@polymtl.ca)



**Point**  
POLYTECHNIQUE MONTRÉAL  
INTERNATIONAL