

INTERNATIONAL EXCHANGE PROGRAMS

INFORMATION SHEET
ACADEMIC YEAR 2019-2020

IN BRIEF

ÉTS OFFERS A VARIETY OF APPLIED ENGINEERING DEGREES, BOTH AT THE UNDERGRADUATE AND GRADUATE LEVELS. WE ARE BASED IN DOWNTOWN MONTREAL, RECENTLY NAMED "WORLD'S BEST CITY FOR STUDENTS" BY QS - TOPUNIVERSITIES.COM.

ÉTS is second in Canada for the number of undergraduate student degrees delivered per year and our engineering programs are specifically designed for students with a technical background. Our work-study education model makes our teaching approach unique. In addition, all our professors have industrial work experience, and every class includes laboratory or industrial applied work.

ÉTS is also renowned for its successful collaboration with the industry, which represents approximately 75% of our research activities. We offer challenging Master's and PhD programs in several fields: aerospace and transportation, energy, environment and construction, healthcare technologies, industrial engineering, software engineering and information technology.

ÉTS also offers a dynamic environment conducive to extracurricular activities. Its 30 science and technology clubs have won international competitions in robot design, racing cars, submarines, solar, wind and amphibious vehicles, concrete canoes (yes, it floats), drones, etc. Other students are involved in international cooperation or sustainable development, and let's not forget the INGénieuses, a group of female students passionate about science and technology...

On campus, you will benefit from our on-site student residences, grocery store, bank, pharmacy, pub, state-of-the art gym and close proximity to public transportation.

With nearly 11,000 students, world-class research infrastructures, and innovative new programs, ÉTS has developed vibrant industrial and international exchange programs/partnerships for you to choose from.

Welcome to Montreal... you have what it takes!

GENERAL INFORMATION

NAME

ÉTS - École de technologie supérieure

LOCATION

Montreal, Canada (Province: Québec)

NUMBER OF STUDENTS

Approx. 11,000 students
(8,000 undergrad. / 2,000 master / 660 PhD)

DEPARTMENTS

- Construction Engineering
- Electrical Engineering
- Software and Information technology engineering
- Mechanical engineering
- Automated Manufacturing, Operations and Logistics Engineering

WEBSITE

www.etsmtl.ca/en

SCIENTIFIC NEWS

<http://substance-en.etsmtl.ca>

MAILING ADDRESS

ÉTS - École de technologie supérieure
Office of Student Recruitment
and International Coordination
BRECI - Office #3700
1100 Notre-Dame Street West
Montréal QC Canada H3C 1K3

TELEPHONE NUMBER

+1 514 396-8810

CONTACTS

INCOMING STUDENTS

Mr. Tanguy Bantas,
International Inbound Mobility
and Partnerships Officer

COORDINATOR

Ms. Élie-Anne Goodhue,
Specialist, International Mobility

OUTGOING STUDENTS

Ms. Audrey Deschênes,
International Outgoing Mobility
and Partnerships Officer

COORDINATOR

Mr. Éric Nolet,
Specialist, International Mobility


STUDENT SERVICES


Ms. MéliSSa Levasseur-Dupuis,
International Student Advisor

international@etsmtl.ca

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| LANGUAGE OF INSTRUCTION | French only |
| DURATION | 1 term: 4 months 2 terms: 8 months |
| DATES | Fall term : September 3 – December 19, 2019 Winter term: January – April, 2020 (specific dates to be determined) |
| ORIENTATION ACTIVITIES | Fall term: August 30 - September 4, 2019 Winter term: January 3 - 4, 2020 |
| NOMINATION DEADLINE | Fall and Winter Time: March 19, 2019 |
| APPLICATION DEADLINE | Fall term: May 1 Winter term: October 1 |
| ADMISSION REQUIREMENTS | Applicants must be enrolled either in a Master's or an undergraduate program leading to an engineering degree, at a partner institution (bilateral or BCI agreement). Students will be selected on the basis of their academic transcripts. |
| QUOTA | <ul style="list-style-type: none"> - Bilateral agreement: no quota (if partner university plans to send more than 4 students per semester, please contact the incoming student exchange coordinator) - BCI: applications are limited to 1 semester per term (1 per Fall term and 1 per Winter term). |
| LANGUAGE REQUIREMENTS | Proof of French proficiency is required, unless it is the applicant's native language. An official language test is not mandatory. ÉTS accepts attestation letters from an appropriate person of the home institution, stating that the applicant has adequate French competency to complete university level engineering courses and assignments. |
| LANGUAGE COURSES | ÉTS does not offer French courses to exchange students. Exchange students may contact other universities in Montreal to inquire about registration modalities and applicable tuition fees. |
| APPLICATION PROCEDURE | Once applicants have been officially nominated by their home institution, they must fill out the on-line application form (portal in French) . Every student has to select the following undergraduate (1st cycle) programme codes: <ul style="list-style-type: none"> - 1-term exchange : 0469 – Programme court en génie pour étudiant en séjour d'études - 2-term exchange : 4023 – Certificat en génie pour étudiant en séjour d'études |
| DOCUMENTS TO BE INCLUDED (CHECKLIST) | Applicants must upload the following documents on-line: <ul style="list-style-type: none"> - Post-secondary transcripts: university-level courses and marks - Birth certificate or other official proof of the applicant's identity where parents' names appear - Course selection (projected study contract), approved and signed by an authorized person at the applicant's home institution - BCI application form, if applicable - Application form for graduate-level courses for students whose course selection includes graduate courses (800 series) |
| PROCESSING PERIOD | Applications are processed between March and May, and between September and October. |
| FEES | No tuition fees will be charged. Exchange students are exempted from application fees. Exchange students are required to pay for the mandatory ÉTS health insurance plan (\$324 CDN per term for the 2017/2018 academic year), unless exemptions apply (refer to the health insurance section). Students may have to pay applicable tuition fees if they wish to enroll in French courses at another university. |
| COURSE CATALOGUE AND DESCRIPTIONS | The list of courses and detailed descriptions are available on our website: <ul style="list-style-type: none"> - Undergraduate courses - Graduate courses |
| COURSE SCHEDULE | Applicants have to make sure that the courses they plan to take are offered during the term in which they will be studying at ÉTS (tentative schedule is available 5 terms in advance): <ul style="list-style-type: none"> - Undergraduate courses - Graduate courses Detailed timetable will be confirmed 2 months before the term starts). |

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| COURSE SELECTION | <p>Attending courses from different departments is possible. It is the students' responsibility to verify that they meet prerequisites with their home university.</p> <p>Only exchange students who are in the final year of their engineering degree at their home institution are allowed to take graduate-level courses (maximum of 3). Applicants have to fill out the application form provided for this purpose.</p> <p>Some courses are not open to exchange students.</p> <p>Some courses with capacity limits may not be open to exchange students at registration time.</p> <p>ÉTS' departments will communicate with the exchange students through e-mails, after they have received their letter of admission, to confirm their final course registration.</p> <p>Modifying course registration upon arrival is subject to each ETS department's approval and, in many cases, may be refused. For acceptable reasons, exchange students can request minor changes in the 2 first weeks after classes start (check the add-drop dates in the academic calendar).</p> |
| RESEARCH AND INTERNSHIP OPPORTUNITIES | <p>Exchange students who wish to extend their stay at ÉTS by completing a research internship or a degree (master or PhD) should refer to the ÉTS web pages to check their eligibility and to read the procedures.</p> |
| CREDITS | <p>International students must study on a full-time basis to meet the immigration requirements, that is to say a minimum of:</p> <ul style="list-style-type: none"> - 12 credits per term for undergraduate exchange students (a maximum of 15 credits is allowed), - 9 credits per term for post-graduate exchange students (a maximum of 12 credits is allowed). |
| WORKLOAD | <p>Workload for courses is measured using a credit system. One credit represents approximately 3 hours of work per week, or 45 hours per term.</p> <p>This time includes courses, labs and personal study.</p> <p>ETS considers 1 credit is equivalent to 2 ECTS.</p> |
| TRANSCRIPTS | <p>An exchange semester results in an official transcript being automatically released by ÉTS to the partner university by mail.</p> <p>Partner universities which haven't received the official transcripts 2 months after the end of the final exams should contact the ETS Office of Student Recruitment and International Coordination.</p> |
| IMMIGRATION DOCUMENTS | <p>A valid <u>passport</u> for the entire duration of stay in Canada is compulsory.</p> <ul style="list-style-type: none"> - Students admitted to a one-term exchange program lasting less than 6 months are <u>not</u> required to obtain a CAQ and study permit. - Students admitted to a two-term exchange program lasting more than 6 months must apply for and obtain a valid <u>CAQ</u> from the Quebec provincial government, and a <u>study permit</u>. Visit the official websites for information: Immigration Quebec / Citizenship and Immigration Canada <p>Students may also need an Electronic Travel Authorization or a Temporary Resident Visa to enter Canada, depending on their nationality. If an Electronic Travel Authorization or visa is required, it will be issued at the same time as the study permit. Visit the Citizenship and Immigration Canada website for information.</p> |
| WORKING IN CANADA | <p>Exchange students are not allowed to work off-campus.</p> <p>Full-time exchange students with a valid study permit may work on campus at ÉTS without a work permit. On-campus jobs are limited; students should not count on finding a part-time job during their studies to balance their budget.</p> <p>Work on-campus</p> <p>Exchange students who wish to extend their stay at ÉTS by completing an internship in a lab should refer to the Research Internship section to check their eligibility and to read the procedures.</p> |
| HEALTH INSURANCE | <p>All international students studying in Quebec are required to be covered by a Quebec health insurance policy. Students and laboratory interns will be required to enroll in and pay for the Desjardins health insurance plan at the start of their stay at ÉTS (\$81 CDN per month for the 2017/2018 academic year).</p> <p>Citizens from Belgium, Denmark, Finland, France, Greece, Luxembourg, Norway, Portugal and Sweden fall under an agreement signed with the government of Quebec. These students will be covered by the provincial health care system (RAMQ), if they bring the required documents to register.</p> |
| HOUSING | <p>Different types of apartments are available on campus, and rooms are assigned on a first-come, first-served basis. Accommodation cannot be guaranteed. Students who are interested in living on-campus should complete the reservation form available online (no reservation fees).</p> <p>Information on off-campus housing can be found in the student handbook. Short-term accommodations designed with exchange students' needs in mind are also available. Interested students can write to accompagnement@etsmtl.ca for more information.</p> |
| COST OF LIVING | <p>Sample budgets for exchange students are available in the French language version of the International student handbook on the ÉTS website. We suggest you use the sample budgets to help you plan your stay.</p> |

|  | Regular Exchange Program |
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| ACTIVITIES OR SERVICES AVAILABLE | <p>Every ÉTS Student, including exchange students and interns, has access to Student Services.</p> <p>Services include: free access to library, scientific and social clubs, athletic center, co-op bookstore, student association, free and confidential psychological counseling. Services are also available for students who have special needs, for more information please communicate with the Office of Student Recruitment and International Coordination.</p> |
| SOCIAL ACTIVITIES AND BUDDY PROGRAMMES | <p>Exchange students will be sponsored by the EtSPERANTO student club. Its mission is to help exchange students integrate in the ETS community and in the Canadian culture. They organize various activities: social and intercultural events, cultural visits...</p> |
| STUDENT HANDBOOK | <p>http://en.etsmtl.ca/en/International/Living-in-Montreal</p> |

|  | Research Internships |
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| LANGUAGE OF INSTRUCTION | <p>English or French</p> |
| DURATION | <p>2 to 12 months</p> |
| DATES | <p>Internships can start anytime throughout the academic year</p> |
| ORIENTATION ACTIVITIES | <p>Upon arrival (registration required)</p> |
| NOMINATION DEADLINE | <p>Not required</p> |
| APPLICATION DEADLINE | <p>Application can be submitted throughout the year</p> |
| ADMISSION REQUIREMENTS | <p>Applicants must be enrolled either in a postgraduate program (Master's or PhD) or be final-year students in an engineering undergraduate program.</p> <p>Students will be selected on the basis of their CV, cover/motivation letter and academic transcripts.</p> <p>Immigration restrictions apply.</p> <p>Applications are limited to International Experience Canada exchange program participants (international coop. internship): please check the eligibility-criteria and spots available.</p> |
| QUOTA | <p>ETS does not apply quota for research interns if they are selected by a professor for their activity.</p> <p>Immigration restrictions and quotas apply – see the above line.</p> |
| LANGUAGE REQUIREMENTS | <p>French and/or English proficiency is subject to ETS professor's approval.</p> <p>Any official test results or attestation letter issued by an appropriate person at home institution is an asset.</p> |
| LANGUAGE COURSES | <p>Interns are not allowed to take courses.</p> |
| APPLICATION PROCEDURE | <p>Applicants have to contact the ETS student exchange office by e-mail with all the required application documents attached. The student exchange office puts the applicants in contact with the professors related to their fields of interest and expertise.</p> |
| DOCUMENTS TO BE INCLUDED (CHECKLIST) | <p>Applicants must upload the following documents on-line:</p> <ul style="list-style-type: none"> - Scanned copy of passport - Curriculum Vitae - Proof of full-time enrolment at home university (current year) - University-level transcripts - Letter of motivation in French or English stating aspirations and fields of interest |

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| PROCESSING PERIOD | Applications are processed within 2 weeks, once the application is approved by the professor. |
| FEEES | <p>No tuition fees apply.</p> <p>No application fees apply.</p> <p>Interns are required to pay for the mandatory ÉTS health insurance plan (\$81 CDN per month for the 2017/2018 academic year), unless exemptions apply (refer to the health insurance section)</p> |
| COURSE CATALOGUE AND DESCRIPTIONS | Interns are not allowed to take courses |
| COURSE SCHEDULE | Interns are not allowed to take courses |
| COURSE SELECTION | Interns are not allowed to take courses |
| RESEARCH AND INTERNSHIP OPPORTUNITIES | <p>Applicants must be selected by a professor, related to their fields of study and interests. Internship offers are not available. ÉTS research activities on these ÉTS websites:</p> <p>Business Sectors</p> <p>Substance ÉTS</p> |
| CREDITS | <p>Interns are expected to work on a full-time basis (35-40 hours / week).</p> <p>A 1-month internship is equivalent to 3 credits.</p> |
| TRANSCRIPTS | An internship may result in an official transcript released by ÉTS stating a “pass or fail” mention, on demand. |
| IMMIGRATION DOCUMENTS | <p>A valid passport for the entire duration of stay in Canada is compulsory.</p> <p>A valid work permit is compulsory. In Canada, internships are considered to be work, whether or not they are paid and regardless of their duration.</p> <p>Students may also need an Electronic Travel Authorization or a Temporary Resident Visa to enter Canada, depending on their nationality. Visit the Citizenship and Immigration Canada website for information.</p> |
| WORKING IN CANADA | Interns are delivered an employer-specific work permit. Unless other particular conditions apply, interns are not allowed to work off-campus. |
| HEALTH INSURANCE | <p>All international students studying in Quebec are required to be covered by a Quebec health insurance policy. Students and laboratory interns will be required to enroll in and pay for the Desjardins health insurance plan at the start of their stay at ÉTS (\$81 CDN per month for the 2017/2018 academic year).</p> <p>Citizens from Belgium, Denmark, Finland, France, Greece, Luxembourg, Norway, Portugal and Sweden fall under an agreement signed with the government of Quebec. These students will be covered by the provincial health care system (RAMQ), if they bring the required documents to register.</p> |
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| SOCIAL ACTIVITIES AND BUDDY PROGRAMMES | N/A |
| STUDENT HANDBOOK | http://en.etsmtl.ca/en/International/Living-in-Montreal |

RESEARCH ACTIVITIES

AEROSPACE AND LAND TRANSPORTATION

- Canada Research Chair for Aircraft Modeling and Simulation Technologies
- NSERC/P&WC Industrial Research Chair on Propulsion System Integration and Optimization
- Industrial Research Chair in Forming Technologies of High-Strength Alloys (CM2P)
- ETS Research Chair on Functionally Graded and Architected Materials and Structures Produced by Additive Manufacturing
- ETS Research Chair on Rehabilitation and Strengthening of Urban Infrastructures: Assessment, Diagnosis and Methods
- Stress Analysis by Finite Element and Testing Laboratory – ACEFE
- Machine Dynamics, Structures and Processes Team – DYNAMO
- Shape Memory Alloys and Intelligent Systems Laboratory – LAMSI
- Aeronautical Research Laboratory in Active Control, Avionics and Aeroelasticity – LARCASE
- Composite Materials Manufacturing and Characterization Laboratory – LFCMC

- Products, Processes, and Systems Engineering Laboratory – LIPPS
- Optimization of Aerospace Manufacturing Processes Laboratory – LOFPA
- Thermo-Fluids for Transport Laboratory – TFT

ENERGY

- Canada Research Chair in Electrical Energy Conversion and in Power Electronics
- Industrial Research Chair in Energy and Energy Efficiency Technologies – T3E
- TransÉnergie Chair on Simulation and Control of Electric Power Systems
- ETS Research Chair on Power Systems Security
- Thermal Technology Centre – CTT
- Power Electronics and Industrial Control Research Group – GREPCI
- Research Laboratory on the Nordic Environment Aerodynamics of Wind Turbines – NEAT

ENVIRONMENT AND CONSTRUCTION

- Canada Research Chair in Characterization of Contaminated Sites
- Pomerleau Industrial Research Chair in the Integration of Construction Practices and Technologies
- ETS Research Chair on Design of New Blends and Nano Composites Based on Thermoplastics
- Research group specialized in Development and Applied Research in Environmental Modeling – DRAME
- Research team specialized in Development and Research on Structures and Rehabilitation – DRSR
- Research Group on Digital Applications in Engineering and Technology – GRANIT
- Integration and Sustainable Development in Built Environment – GRIDD
- Engineering for Sustainable Development Laboratory – LIDD
- Geotechnical and Geoenvironmental Engineering Laboratory – LG2
- Pavement and bituminous materials laboratory – LCBM
- Graphical modelling for construction project planning – MGPlan
- Experimental Station of Pilot Processes in Environment – STEPPE

HEALTH TECHNOLOGIES

- Canada Research Chair in Engineering Innovations in Spinal Trauma
- Canada Research Chair in 3D Imaging and Biomedical Engineering
- Canada Research Chair in Precision Robotics
- Canada Research Chair on Biomaterials and Endovascular Implants
- Chaire de recherche ÉTS sur les technologies de capteurs en robotique interactive et en mécatronique
- Research Chair on Materials used in Protective Clothing and Equipment in Occupational Health and Safety
- Industrial Research Chair in In-Ear Technologies – CRITIAS
- Marie-Lou and Yves Cotrel Research Chair in Orthopaedics at CHUM and Université de Montréal

- Control and Robotics Laboratory – CoRo
- Occupational Safety Research Team – ÉREST
- Biomedical Information Processing Laboratory – LATIS
- Imagery and Orthopedics Research Laboratory – LIO
- Laboratoire d'imagerie interventionnelle – LIVE

INFORMATION AND COMMUNICATIONS TECHNOLOGIES

- Canada Research Chair in Smart Sustainable Eco-Cloud
- Institutional Research Chair on Hybrid Nano-engineered Materials and High-performance Optoelectronic Devices
- NSERC-Ultra Electronics Chair on Wireless Emergency and Tactical Communications
- ETS Research Chair on Physical Layer Security in Wireless Networks
- ETS Research Chair on Adaptive and Evolutive Surveillance Systems in Dynamic Environments
- Vantrix Industrial Research Chair in Video Optimization
- Dr. Richard J. Marceau Chair on Wireless IP Technology for Developing Countries
- Advanced Research in Telecommunications – COMunity
- Design and Control of Production Systems Laboratory – C2SP
- Multimedia Research Laboratory – LABMULTIMEDIA
- Telecommunications and Microelectronics Integration Laboratory – LACIME
- Networks and Telecommunications Management Laboratory – LAGRIT
- Computer System Architecture Research Laboratory – LASI
- Production Technologies Integration Laboratory – LITP
- Imaging, Vision and Artificial Intelligence Laboratory – LIVIA
- Organizational Engineering Research Laboratory for the Digital Enterprise – NUMÉRIX
- Multimedia Communication in Telepresence – Synchronmedia

ÉTS YOUR NEXT STEP FOR RESEARCH

Check out our scientific news at
substance.etsmtl.ca

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