

INTERNATIONAL FACT SHEET 2021-2022



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, Quebec, Canada

NUMBER OF STUDENTS

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

DEPARTMENTS

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

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
1100 Notre-Dame Street West
Montreal QC Canada H3C 1K3

TELEPHONE NUMBER

+1 514 396-8810

CONTACTS

INCOMING STUDENTS

Mr. Tanguy Bantas,
Ms. Marie-Pierre Charette &
Ms. Élie-Anne Goodhue

OUTGOING STUDENTS

Ms. Audrey Deschênes &
Mr. Éric Nolet

INTERNATIONAL STUDENT SERVICES

Ms. Mélissa Levasseur-Dupuis &
Ms. Romy Schlegel

international@etsmtl.ca


ÉTS


Engineering for Industry


LANGUAGE OF INSTRUCTION	French only
DURATION	1 term: 4 months 2 terms: 8 months
DATES	Fall term : August 30 – December 16, 2021 Winter term: January – April, 2022 (specific dates to be determined)
ORIENTATION ACTIVITIES	Fall term: August 26-27, 2021 Winter term: January 3-4, 2022
NOMINATION DEADLINE	Fall and Winter Time: March 20, 2021
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 inbound student exchange coordinator) - BCI: applications are limited to 1 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 PROCESS	Once applicants have been officially nominated by their home institution, they must fill out the on-line application form Every student has to select the following undergraduate (1 ^{er} 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
DOCUMENT 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
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 (\$300 CDN per term for the 2020/2021 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: Courses directory
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). Detailed timetable will be confirmed 2 months before the term starts. <ul style="list-style-type: none"> - Undergraduate courses - Graduate courses

REGULAR EXCHANGE PROGRAM

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-mail, 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 course change (add/drop) deadline 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 application process.</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 official transcript will be sent 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 passport for the entire duration of stay in Canada is mandatory.</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 CAQ from the Quebec provincial government, and a study permit. Visit the official websites for information: Immigration Quebec / Citizenship and Immigration Canada. - 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.
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 (\$75 CDN per month for the 2020/2021 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 etudiantsetrangers@etsmtl.ca for more information.</p>

	REGULAR EXCHANGE PROGRAM
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, bookstore, student association, free and confidential psychological counseling. Services are also available for students who have special needs. For more information please contact 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 the ÉTS community and in the Canadian culture. They organize various activities: social and intercultural events, cultural visits...</p>

	RESEARCH INTERNSHIPS
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>
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 Office of Student Recruitment and International Coordination by e-mail with all the required application documents attached. The Office of Student Recruitment and International Coordination puts the applicants in contact with the professors related to their fields of interest and expertise.</p>
DOCUMENT 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

	<h2>RESEARCH INTERNSHIPS</h2>
PROCESSING PERIOD	Applications are processed within 2 weeks, once the application is approved by the professor.
FEES	<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 (\$75 CDN per month for the 2020/2021 academic year).</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.</p> <p>Search opportunities on these ÉTS websites:</p> <p>Chairs or research units</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 mandatory.</p> <p>A valid work permit is mandatory. 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</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 (\$75 CDN per month for the 2020/2021 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.</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 etudiantsetrangers@etsmtl.ca for more information.</p>
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	N/A

ÉTS RESEARCH LABS AND CHAIRS

AEROSPACE

- Canada Research Chair for Aircraft Modelling and Simulation Technologies
- P&WC Industrial Research Chair on Propulsion
- Finkl Steel Industrial Research Chair in Forming Technologies of High Strength Alloys
- ÉTS Research Chair on Engineering of Processing, Materials and Structures for Additive Manufacturing
- ÉTS Research Chair in Rehabilitation and Strengthening of Civil Infrastructure
- Siemens Industrial Chair on Industry 4.0 Technology Integration
- P&WC-ÉTS Industrial Chair on Propulsion System Integration and Optimization
- ArianeGroup Research Chair on Emerging Materials in the Aeronautics and Space sector
- ACEFE – Laboratory for Constraint Analysis by Finite Elements and Experimentation
- DYNAMO – Research Laboratory in Machine, Process and Structural Dynamics
- LAMSI – Shape Memory Alloys and Intelligent Systems Laboratory
- LARCASE – Active Control, Avionics and Aeroelasticity Aeronautical Research Laboratory
- LFCMC – Composite Materials Fabrication and Characterization Laboratory
- P2SEL – Products, Processes and Systems Engineering Laboratory
- LASSENA – Laboratory for Space Technologies, Embedded Systems, Navigation and Avionics
- LOFPA – Optimization of Aerospace Manufacturing Processes Laboratory
- TFT – Thermofluids for Transport Laboratory

ENERGY

- Canada Research Chair in Electrical Energy Conversion and Power Electronics
- ÉTS Research Chair on Electricity Network Security
- Chaire de recherche industrielle Siemens sur l'intégration des technologies - industries 4.0.
- GREPCI – Power Electronics and Industrial Control Research Group

ENVIRONMENT

- Canada Research Chair in Characterization of Contaminated Sites
- Canada Research Chair in Smart Sustainable Eco-Cloud
- Steppe - Experimental Station for Pilot Processes in the Environment (STEPPE)
- GRIDD – Research Group in Integration and Sustainable Development in Built Environments
- DRAME – Research Group Specialized in Development and Applied Research in Environmental Modeling
- LG2 – Geotechnical and Geoenvironmental Engineering Laboratory
- LIDD – Laboratoire d'ingénierie pour le développement durable

INFRASTRUCTURE AND BUILT ENVIRONMENTS

- Research Chair in Rehabilitation and Strengthening of Civil Infrastructure
- Industrial Research Chair on the Integration of Digital Technologies in Construction

- DRSR – Research team specialized in Development and Research on Structures and Rehabilitation
- GRIDD – Research Group in Integration and Sustainable Development in Built Environment

MATERIALS AND MANUFACTURING

- Finkl Steel Industrial Research Chair in Forming Technologies of High Strength Alloys
- ÉTS Research Chair on Engineering of Processing, Materials and Structures for Additive Manufacturing
- Canada Research Chair in Precision Robotics
- Canada Research Chair in Hybrid Optoelectronic Materials and Devices
- ETS Research Chair on Terahertz (THz) Optoelectronics
- ArianeGroup Research Chair on Emerging Materials in the Aeronautics and Space Sector
- ÉTS Research Chair on Interactive Robotics
- ÉTS Research Chair on Blends and Nanocomposites Based on Thermoplastics
- Olympus Industrial Chair on Ultrasonic Nondestructive Testing
- ACEFE – Laboratory for Constraint Analysis by Finite Elements and Experimentation
- CoRo – Control and Robotics Laboratory
- DYNAMO – Research Laboratory in Machine, Process and Structural Dynamics
- LAMSI – Shape Memory Alloys and Intelligent Systems Laboratory
- LCMB – Pavements and Bituminous Materials Laboratory
- LFCMC – Composite Materials Fabrication and Characterization Laboratory
- P2SEL – Products, Processes and Systems Engineering Laboratory
- LOFPA – Optimization of Aerospace Manufacturing Processes Laboratory
- TFT – Thermofluids for Transport Laboratory

HEALTH

- 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 in Biomaterial and Endovascular Implants
- NSERC-EERS Industrial Research Chair in In-Ear Technologies
- ÉTS Research Chair on Interactive Robotics
- ÉTS Research Chair on Artificial Intelligence in Medical Imaging
- Chaire de recherche en orthopédie Marie-Lou et Yves Cotrel de l'Université de Montréal et de l'ÉTS
- GRAM – Groupe de recherche en acoustique à Montréal
- LATIS – Biomedical Information Processing Laboratory
- LIO – Imaging and Orthopaedics Research Laboratory
- LINCOS - Cognitive and Semantic Interpretation Engineering Laboratory
- LIVE – Interventional Imaging Laboratory
- EREST – Research Team in Occupational Safety and Industrial Risk Analysis

INFORMATION AND COMMUNICATIONS TECHNOLOGIES

- Vantrix Industrial Research Chair in Video Optimization
- ETS Research Chair on Physical Layer Security in Wireless Networks
- ETS Research Chair on Adaptive and Evolutive Surveillance Systems in Dynamic Environments
- NSERC-Ultra Electronics Chair on Wireless Emergency and Tactical Communications
- Open-Air Laboratory for Smart Living (LAB-VI)
- Multimedia Communication in Telepresence Laboratory (SYNCHROMEDIA)
- Multimedia Research Laboratory (LABMULTIMEDIA)
- Computer System Architecture Research Laboratory (LASI)
- Communications and Microelectronic Integration Laboratory (LACIME)
- Organizational Engineering Research Laboratory for the Digital Enterprise (NUMERIX)
- Imaging, Vision and Artificial Intelligence Laboratory (LIVIA)

LAND TRANSPORTATION

- Canada Research Chair in Electrical Energy Conversion and Power Electronics
- Finkl Steel Industrial Research Chair in Forming Technologies of High Strength Alloys
- ÉTS Research Chair on Engineering of Processing, Materials and Structures for Additive Manufacturing
- ÉTS Research Chair on Electricity Network Security
- ÉTS Research Chair Design on Thermoplastic and Nanocomposites
- ÉTS Research Chair on Interactive Robotics
- ÉTS Research Chair on Physical Layer Security in Wireless Networks
- Canada Research Chair in Precision Robotics
- DYNAMO – Research Laboratory in Machine, Process and Structural Dynamics
- GREPCI – Power Electronics and Industrial Control Research Group
- LACIME – Communications and Microelectronic Integration Laboratory
- LFCMC – Composite Materials Fabrication and Characterization Laboratory
- P2SEL – Products, Processes and Systems Engineering Laboratory
- LIVIA – Imaging, Vision and Artificial Intelligence Laboratory
- CoRo – Control and Robotics Laboratory
- LAMSI – Shape Memory Alloys and Intelligent Systems Laboratory
- LASSENA – Laboratory for Space Technologies, Embedded Systems, Navigation and Avionics
- LINCOS – Cognitive and Semantic Interpretation Engineering Laboratory
- LOFPA – Optimization of Aerospace Manufacturing Processes Laboratory

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