SMITH ENGINEERING
Queen's University

Stephen J. R. Smith Faculty of Engineering and Applied Science

2026-2027 International Exchange Program

General Queen's University Information

Graduates from the Smith Engineering program have gone on to successful careers at some of the largest global corporations and provide a powerful network of alumni contacts.

Queen's University is consistently ranked as one of Canada's top universities. It is among Canada's oldest degree-granting institutions, established in 1841 by Royal Charter of Queen Victoria—26 years before Canada was founded as a country.

Today, the Queen's University community features tradition, academic excellence, research, and a beautiful waterfront campus with venerable, ivy covered, limestone buildings side by side with modern research and teaching facilities. Queen's students come from across Canada and more than 70 countries worldwide.

Since 1894, Smith Engineering at Queen's University has been providing the best engineering education Canada has to offer, preparing students for leadership in a global society with top-quality, technically rigorous engineering programs.

Smith Engineering admits fewer than 900 of the highest-caliber undergraduate students from Canada and abroad each year. Ninety-one per cent of Engineering's undergraduate students complete their degrees—the highest success rate of any engineering program in Canada.

Graduates leave Queen's with an outstanding, committed alumni network that will sustain them throughout their careers.

Contact Information

University Website:	http://www.queensu.ca/
Smith Engineering Website:	https://smithengineering.queensu.ca/
Faculty Inbound Exchange Website	https://smithengineering.queensu.ca/student-experience/exchange/

Exchange Coordinator Incoming/Outgoing:	Julie Hao engineering.intladvisor@queensu.ca
Mailing Address :	Queen's University Smith Engineering Beamish Munro Hall Room 300 45 Union St, Kingston, Ontario, Canada K7L 3N6
Telephone number :	613-533-2055
Fax number:	613-533-2721
Main Reception :	engineering.reception@queensu.ca

TERM DATES 2026-2027

Term	***Dates***	***Expected Arrival Date***
Fall 2026	September 1– December 31, 2026	August 31, 2026 (Orientation begins)
Winter 2027	January 1– April 30, 2027	January 4, 2027 (Orientation begins)

NOMINATION/APPLICATION INFORMATION

Partner exchange offices will be emailed a link from the Queen's Admission office to the online Nomination Form to nominate their students. Following the submission of the Nomination Form, a separate email will be sent to students within 5 business days of their nomination being received, providing a link to the online application and application instructions. The nomination and application portals will only be open during the submission acceptance periods.

	Nomination Deadline	***Application Deadline***
Fall 2026 & Full year 2026-2027	April 1, 2026	April 30, 2026
Winter 2027	September 1, 2026	September 30, 2026
Contact Information:	Admission Coordinator, International Exchange E-Mail: intstudy@queensu.ca	

APPLICATION REQUIREMENTS FOR SMITH ENGINEERING

Requirement	***Details***
GPA	Incoming students must have GPA equivalent to a 2.7 (for information on Queen's grading scales, please see http://www.queensu.ca/registrar/transcripts/legends/current) but all applicants will receive individual consideration.
Supporting Documentation	• Completed Queen's on-line exchange application • Confirmation of English language test (if required) • Official academic transcript • Academic letter of reference • Completed course selection form

ACADEMIC PROGRAMS IN SMITH ENGINEERING

Learning Expectations

Language of Instruction:	English
Course Load:	Exchange students are **recommended** to take a **minimum** of 15 credits (CR) per term; 30 CR for the full year. As an example, 60 ECTS credits is usually considered a full course load in most European institutions and is equivalent to 30.0 Queen's units. Please note: Queen's Undergraduate degree seeking Engineering students take more than 15 credits per term – course load is to be determined by the home university and visiting student, should both feel that more than 15 credits is required for their home program
Course Weight:	Course weights in Smith Engineering varies. 1 credit = one 50 minute lecture) and to laboratory assignments, tutorial, and significant project work (0.5 credits =one hour).
Course Types:	LECT – Lecture; LAB – Laboratory; TUT – Tutorial
Grading:	**Letter Grade** **Grade Points** **Numeric Equivalent** A+ 4.3 90-100% A 4.0 85-89% A- 3.7 80-84%

	B+	3.3	77-79%
	B	3.0	73-76%
	B-	2.7	70-72%
	C+	2.3	67-69%
	C	2.0	63-66%
	C-	1.7	60-62%
	D+	1.3	57-59%
	D	1.0	53-56%
	D-	0.7	50-52%
	FR	0.0	40-49%
	F	0.0	0-39%
Course Choices:	Most Engineering and Applied Science courses are open to exchange students provided that they have all the appropriate prerequisite courses. Please note that availability in some courses may be limited in the event that there is limited spacing and/or the course is core for degree-seeking students. ***Please see the course suggestions at the end of this document.***		
Examinations:	Requirements vary for each course. Accommodations are available for exchange students whose first language is not English. Students will need to request for it.		

Course Information and Academic Advising
Smith Engineering offers degree programs and courses in over ten disciplines. The codes for these programs and for the courses in those disciplines are given below.

For **course information**, students should visit the Smith Engineering Academic Calendar (http://calendar.engineering.queensu.ca/), which lists all courses offered in the last five years under "**Academic Plans**". Exchange students admitted into Smith Engineering are eligible to take up to two courses outside of the Faculty.

For **academic advice**, exchange students have access to the Exchange coordinator and the Undergraduate Assistant in their host department.

Program	**Program Code**	**Undergraduate Departmental Program Assistant**
Chemical Engineering Engineering Chemistry	CHEE ENCH	Liann Joanette, liann.joanette@queensu.ca
Civil Engineering	CIVL	Dioga Argolo de Cerqueira Rios civil.undergraduate.info@queensu.ca

Electrical & Computer Engineering	CMPE & ELEC	Irina Pavich (Students with last names A-L), Irina.pavich@queensu.ca Sherri Fuller (Students with last names M-Z) slf3@queensu.ca
Engineering Physics	ENPH	Melissa Balson, 4mjb5@queensu.ca
Geological Engineering	GEOE	Bec Dew, r.dew@queensu.ca
Mathematics & Engineering	MTHE	Luisa Reyes, math.engineering@queensu.ca
Mechanical & Materials Engineering	MECH	Kathleen Iley, Elizabeth Russell mme.advisor@queensu.ca
Mechatronics & Robotics Engineering	MREN	Lauren Hare, mre.undergrad@queensu.ca
Mining Engineering	MINE	Sharon Siderius mine.undergrad@queensu.ca
Faculty Applied Science Courses	APSC	Julie Hao engineering.intladvisor@queensu.ca

General Student Services

For general information on coming to Queen's as an international exchange student, including general information on Kingston and Queen's University, please see Queen's University Global Engagement website: https://www.queensu.ca/international/

Queen's University International Centre (QUIC)

The QUIC is a support service for all members of the Queen's community and through its activities promotes an internationally informed and cross-culturally sensitive learning environment. For more information on approximate living costs, housing, study permits, and transportation, please access the QUIC website: http://quic.queensu.ca/

The Integrated Learning Centre

The Integrated Learning Centre (ILC) is located in Beamish-Munro Hall and is a part of Smith Engineering. It comprises staff, spaces and equipment that contribute significantly to the quality

of undergraduate education in the Faculty, and is among the leading facilities for engineering education worldwide. The fundamental role of the ILC is to create a multidisciplinary learning environment which integrates theory with practice, develops team skills, the capability of life-long learning and open-ended program solving abilities. The ILC provides both the staff and the infrastructure necessary to improve learning effectiveness and to develop markedly enhanced professional skills. Its physical features include active learning spaces, student meeting rooms, computer labs, prototyping and fabrication facilities, teleconferencing and presentation resources, and industrial space housing competitive teams such as Fuel Cell, Aero Design and Concrete Canoe teams.

Computing Resources
Computers in Beamish-Munro Hall are available during ILC open hours (Monday - Thursday: 7:30 am to 11 pm; Friday: 7:30 am to 5:30 pm; Saturday: 11:30 am to 7 pm; Sunday: 11:30 am to 11 pm). Software includes Solid Edge, Lab View, MATLAB, Microsoft Office, ADS, Altera Quartus, OrCAD, and others.

Student Wellness Services (SWS)
The Student Wellness Services department supports the personal, academic, and social development of students at Queen's University by providing a range of programs and services appropriate to their needs. http://www.queensu.ca/studentwellness/home

Smith Engineering also has an embedded counsellor available to students, in our main Student Services office.

Student Academic Success Services (SASS)
Learning Strategies Development is a learning support service for students. Several options are available for students to enhance both their learning and study skills and their academic confidence: on-line resources, group workshops, individual consultations, and peer mentoring. For more information about available services, please visit the SASS website: https://sass.queensu.ca/

Smith Engineering– Queen's University,

Kingston, Ontario, Canada

Incoming Exchange Student Course Selection Considerations

Smith Engineering at Queen's University offers degree programs in over ten disciplines. Students find specific courses information at the Smith Engineering Academic Calendar, which lists all courses offered in the last five years (http://calendar.engineering.queensu.ca/).

Many of our core courses are only open for general enrollment after our undergraduate degree students have completed their enrollment selections. Project courses are often restricted to degree students.

Below you will find specific course selection recommendations regarding some of our popular courses.

APSC COURSES

APSC 100 level courses
First year APSC courses are open, dependent on enrollment numbers. For the past several years, we have had full enrollment capacity in these courses, therefore they generally are not viable option for exchange students.

APSC 200/221/293
APSC 221 is open to exchange students who have a standard 1st year math course and English Proficiency.

APSC 200 and APSC 293 - enrollment for these courses is not open to exchange students due to their pre-requisite requirements.

CIVL COURSES

Exchange students are not eligible to take either CIVL 200, CIVL 300, CIVL 400 or CIVL 460.

CHEE/ENCH COURSES

Most CHEE courses are open to exchange students, dependent upon their academic background. Queen's enrollment may have priority, but if there is room in the class and students are eligible, they are welcome to attend.

- CHEE 315 - Only available when course enrollment below max capacity, with instructor approval and student has required background.
- CHEE 331 - Must be taken at the same time as CHEE 361, with instructor approval and student has required background.
- CHEE 472 - Only available when course enrollment is below max capacity, with instructor approval and student has required background.
- CHEE 473 – Only available when course enrollment is below max capacity, with instructor approval and student has required background.

Unavailable to Exchange Students:

- CHEE 408 - Not available due to limited supervisor and project capacity.
- CHEE 420 - Not available due to limited supervisor and project capacity.
- CHEE 421 - Not available due to limited supervisor and project capacity.

Other Important Factors to Note:

- Students must ensure they use the up-to-date course listings from the new academic course calendar for the year of their exchange. Course offerings vary from year to year.
- CHEE courses with prerequisites require the student to have the required background and instructor approval. The best way to do this is to email a current copy of your unofficial transcript to the Undergraduate Program Assistant, Liann Joanette, who will arrange to determine if the student has the necessary background for the CHEE course(s) they would like to take.
- Full year courses require students to attend BOTH semesters.

ELEC AND CMPE COURSES

Enrollment of exchange students in the following **2nd- and 3rd-year ELEC** courses will be considered only if space is available:

ELEC 221, ELEC 224, ELEC 252, ELEC 271, ELEC 274, ELEC 278, ELEC 280, ELEC 343, ELEC 353.

Unavailable to Exchange Students:

2nd year design courses: ELEC 290, ELEC 292

3rd year design course: ELEC 392

4th year design course: ELEC 490/498

ELEC 497 Research Project

4th-year CMPE and ELEC courses are subject to departmental approval and space availability. In addition, the following courses may have further restrictions due to high demand: ELEC 425, ELEC 472, and ELEC 475.

ENPH COURSES

The following courses are NOT available to exchange students: ENPH 455, ENPH 555

The capstone thesis project courses are not available to exchange students as we don't have enough supervisors to offer one-on-one supervision to students from other universities.

GEOE COURSES

All courses are open to exchange students, depending upon their academic background. Queen's enrollment may have priority, but if there is room in the class and students are eligible, they are welcome to attend.

MECH COURSES

The following courses are NOT available to exchange students:
MECH 212, MECH 273, MECH 323, MECH 460, MECH 462, MECH 463 and MECH 464

All undergraduate courses are subject to space availability with some more restricted that others (see below). Permission from the course instructor may also be required.

MECH 210
MECH 217
MECH 310
MECH 350
MECH 396 – Only available if students take MECH 370 at the same time as a co-requisite.
MECH 397 – Only available if students take MECH 371 at the same time as a co-requisite.
MECH 398/399
MECH 452 – Enrolment is very limited. Students must also receive permission from the instructor.
MECH 465 – Students must also receive permission from the instructor.

MINE COURSES

Most course are open to Exchange students, if they have the necessary pre-requisite knowledge. It is often best to speak directly to the instructor to obtain final approval. Please note that Exchange students may not be eligible for field trips associated with MINE classes.

The courses with the MINE prefix that are not suitable for most exchange students are:

MINE 445 – Not a suitable course as it is the final-year project course for all final year mine-mine students and most exchange students will not have the necessary design software experience to complete this course.

MINE 448 – Not a suitable course as it is the final-year project course for all final year mine-mine students as few exchange students will have all the pre-requisites.

MINE 458 - Not a suitable course as it is the final-year project course for all final year mine-pro students and most exchange students will not have the necessary mineral processing laboratory experience to complete this course.

MINE 471 – Not a suitable course as it is the final-year project course for all final year mine-mech students and most exchange students will not have the necessary mechanical engineering background to complete this course.

MREN COURSES

If you are interested to take 1st- 3rd year MREN courses, please email to Lauren Hare, mre.undergrad@queensu.ca, to inquire course availability.

MTHE COURSES

Most courses are open to Exchange students, if there is room in the course and they have the pre-requisites. It is often best to speak directly to the instructor to obtain final approval. Exchange students are not eligible to take MTHE 393, MTHE 493 and MTHE 494.