

MECHANICAL & MATERIALS ENGINEERING

EXCHANGE INFORMATION

THINGS TO DO AND THINK ABOUT BEFORE YOU SUBMIT AN APPLICATION FOR EXCHANGE

- Get familiar with your third-year core courses and fourth-year Technical Elective and Complementary Study curriculum requirements (i.e., what courses would you normally take at Queen's during the term you would be on Exchange).
- Review course offerings at universities abroad with whom you may seek an exchange nomination and compare them against your Queen's courses. (Hint: remember to look at not only the course content but also when courses are offered and if a course is offered in English). Also check the start and end dates of their terms (not all are the same as Queen's). Exchange partners should have a term that starts and ends at similar times to Queen's terms.
- Look for universities abroad that have courses similar to Queen's courses, such as MECH 321 (F), MECH 328 (F), MECH 346 (W), MECH 350 (W), as those are fairly standard subjects world-wide.
- It will likely be more difficult to find substitutes for the MECH 396/398 and MECH 397/399 (lab courses), and MECH 323 as they are more specific to Queen's. If you are not able to find matches for your 3rd year courses, then look at the Technical Electives and Complementary Study electives. Often exchange courses can be substituted for a Technical Elective or Complementary Study course. Complementary Study courses are the easiest to find comparables for.
- After your investigations, be prepared to submit a preliminary study plan, to the Engineering International Program Advisor, for any of your preferred universities abroad as part of the application process. Your plan should clearly indicate what courses you wish to take. Documentation should include course codes, course titles and course descriptions for each course you are considering. You may find this information on the webpages for each potential university.

***Keep in mind that at this stage, you are only submitting an application to participate in the exchange program.** While the application requires a preliminary study plan for each school you are interested in, note that it is only a potential study plan meant to be used as a tool to help you identify which schools are viable options. Your potential study plan is not set in stone yet, with the idea being that you identify potential course substitutes for courses that you would typically take while at Queen's. Once you are accepted into the program and have a host university confirmed, is when you would begin to work on submitting a firm study plan.

MME Exchange Opportunities include many options, and in the past we have had successful exchanges, along with relatively good core course matches, at the following institutions:

- Lund University (Lund, Sweden)
- University of Strathclyde (Glasgow, Scotland)
- National University of Singapore
- University of Canterbury (Christchurch, New Zealand)
- University of New South Wales (Sydney, Australia)
- University of Queensland (Brisbane, Australia)
- University of Western Australia (Perth, Australia)

While listings of previously granted course substitutions are available, substitutes must still be requested in the academic year you will be on exchange due to course curriculum and instructor changes. When the time comes, you will work closely with the MME Undergraduate Chair to finalize an approved list of courses.

Have the universities and courses vetted with an academic advisor in your Department. **You may find your department academic advisor contacts here:**

<https://smithengineering.queensu.ca/current-students/academics/academic-advisors.html>

**The department cannot guarantee that students will complete their B.A.Sc. program requirements in the four-year typical time span when participating in an exchange. On occasion, scheduling and curriculum changes can impact the four-year completion plan. Exchange experiences should be taken with an open mind even though every effort is made to accommodate students for a normal four-year completion plan.*

For a full listing of all Faculty of Engineering and Applied Science Exchange partners please refer to our webpage <https://smithengineering.queensu.ca/current-students/find-a-university.html>

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