

# FACULTY OF ENGINEERING

## First-Year Bachelor of Engineering (BEng) First Year Guide 2021-2022 Academic Year

Congratulations and welcome to Dal! The first year of study is the same for all engineering students. The table below lists all the courses you will take in your first year. Course registration for Engineers must be completed using [Block Registration](#). There are 8-predetermined scheduling blocks, or course groups, to choose from. Each block contains the same courses and provides you with a complete and conflict-free schedule that meets all first-year program requirements.

You will select a block for each of the fall and winter terms to register for all your courses. All lectures, tutorials and labs will automatically fit together. All students within a block take labs and tutorials together; this makes it easier to meet people and find a study group. Once you have registered for one block in the fall and one for the winter, your first-year registration is done! You do not need to add anything further! Registration block schedules are posted at [dal.ca/registration](http://dal.ca/registration) under 'Engineering'.

**Note:** If you run into a registration error due to a lab or tutorial section being full, drop everything and select a different block. Make sure to **review your registration** and ensure all courses and sections have been added.

Students will apply for their discipline placement towards the end of their first-year of study. Students will begin courses specific to their discipline in the winter term of second year before being fully immersed in their discipline by the third year. Students must have a discipline placement and must complete all Year 1 and 2 courses to be able to start year three. For complete program requirements, see the Dalhousie Academic Calendar [www.dal.ca/calendar](http://www.dal.ca/calendar) or ask your advisor.

If you have any questions, please contact [advising@dal.ca](mailto:advising@dal.ca) or the faculty: [engineering@dal.ca](mailto:engineering@dal.ca)

Fall	Winter
<b>Chemistry (CHEM) 1021:</b> Engineering Chemistry I Lecture and Lab	<b>Chemistry (CHEM) 1022:</b> Engineering Chemistry II Lecture and Lab
<b>Mathematics (MATH) 1280:</b> Engineering Math I Lecture and Tutorial	<b>Mathematics (MATH) 1290:</b> Engineering Math II Lecture and Tutorial
<b>Engineering (ENGI) 1103:</b> Engineering Design I Lecture and Lab	<b>Engineering Mechanics I (ENGI) 1203:</b> Statics Lecture, Lab and Tutorial
<b>Physics (PHYC) 1190:</b> Physics I Lecture, Lab and online tutorial	<b>Physics (PHYC) 1290:</b> Physics II Lecture, Lab and online tutorial
<b>Engineering Mathematics (ENGM) 1081:</b> Computer Programming Lecture and Lab	<b>Engineering Mathematics (ENGM) 1041:</b> Applied Linear Algebra Lecture and Tutorial
<b>Complementary Studies (CPST) 1103:</b> Technical Communications I Lecture and Tutorial	<b>Complementary Studies (CPST) 1203:</b> Technical Communications II Lecture and Tutorial



**Register  
ON TRACK**

[dal.ca/newstudents](http://dal.ca/newstudents)

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