

FACULTY OF ENGINEERING

First-Year Bachelor of Engineering (BEng) Course Planning Worksheet

2026-2027 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 9 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 the fall and winter term to register for all your courses. All lectures, tutorials and labs will automatically fit together. All students within a block will have their 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, and you do not need to add anything further! Registration blocks can be previewed during the registration process and can be found here: [engineering block options](#). On DalOnline, in the Registration Menu after selecting the proper term, select Block Registration and a list of available Registration Blocks will appear. Select your Block and complete the registration process.

Note: If you run into a registration error due to a lab or tutorial section being full, drop everything and select a different block. If a lecture, lab or tutorial section is full it is not possible to register for that section. Make sure to **review your registration** and ensure all courses and sections have been added. If you have any registration errors, please reach out to the [Registrar's Office](#) at 902 494 2450.

It is possible to take a reduced course load and take an additional year to complete the Year 1 and 2 requirements. Please consult with an advisor and contact engineering@dal.ca for guidance.

Students are required to have access to a laptop computer. Our recommendations for students purchasing a laptop are as follows:

Minimum Required	Recommended
<ul style="list-style-type: none">Processor (CPU): Intel Core i5 (12th gen) or AMD Ryzen 5 (5000 series) [4 cores]Memory (RAM): 16GBStorage disk: 256GB SSDOperating system: Windows 10/11	Here are the recommended specs where budget permits: <ul style="list-style-type: none">Processor (CPU): Intel Core i5 (14th gen) or AMD Ryzen 5/7 (7000 series) [6 or 8 cores]Memory (RAM): 24GBStorage disk: 512GB SSDOperating system: Windows 11
*Note about Macs: Apple computers have limited to no support for Windows and/or software used in our engineering programs. The university does not provide virtualization software for your personal macOS computer.	

If you have any questions, please contact the Bissett Student Success Centre at advising@dal.ca or the Faculty of Engineering at engineering@dal.ca



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