

Welcome to the Faculty of Engineering - Students beginning January 2024

Thank you for choosing to pursue your engineering studies at Dalhousie University. To ensure you have a smooth start to your experience here, your advisors have prepared this guide for you.

While you are in the Core Engineering Program your advising team consists of:

First Year- Student Success Advisors, Bissett Center, 4th Floor SUB, Studley Campus, email: advising@dal.ca

Core Program Advisor: **Jason S. LeCoure**, email: engineering@dal.ca

Student Engagement: **Karyn Hemsworth**, email: engineering@dal.ca

International Student Retention: Justin Deturibe, email: engineering@dal.ca

Placement in an Engineering Discipline

All students are initially admitted to the Core Engineering Program (you may sometimes hear this referred to as the Diploma program or Lower Division). While completing their first-year courses, students submit an application for a “placement” or conditional admission for a third-year program (e.g. Electrical, Chemical, Industrial Engineering) that they will be admitted to upon completion of their Diploma requirements. When to apply for Discipline Placement is noted under each registration option provided below. To be eligible to be placed, a student must have completed 7 program courses and have an Engineering Grade Point Average (EGPA) ≥ 2.00 . To be guaranteed their first choice, students must have an EGPA ≥ 3.50 .

To be admitted to their Year 3 program students will need to complete all required Lower Division courses and have an EGPA ≥ 2.00 prior to the Fall term for which they have a placement. **No student will be admitted to their Year 3 program with a course deficiency. No exceptions will be made to the course or GPA requirements for Year 3 Admission.** Information regarding the Core Engineering Program can be found at <https://go.engineering.dal.ca/diploma>

Cooperative Education Option (Co-op)

To be eligible for the Co-op Option for their Bachelor of Engineering students must complete all Lower Division requirements with a minimum GPA of 2.30. Students must also complete the Co-op Orientation course 2 terms prior to the projected start of their first co-op work-term. For students who earn a placement in Chemical Engineering or Mechanical Engineering they will take ENGI 8890 in the Winter term prior to the start of their Year 3 program. For students with placements in other disciplines they will complete ENGI 8890 in the summer immediately prior to the start of their Year 3 program in the fall (Industrial Engineering) or in the first Fall study term of their Year 3 program (Electrical, Civil or Environmental Engineering).

Complete details on this process can be found on the [Science, Information Technology, Engineering Co-operative Education](https://www.dal.ca/faculty/wil.html) website: <https://www.dal.ca/faculty/wil.html>

Course Selection and Program Requirements

To help you with scheduling your studies in the future the following two course plans are provided for your reference.

Option 1: Faculty Recommended course plan for the core-program (1000- and 2000-level courses) for students starting Engineering in January 2024

What follows is our recommended courseload for students starting their program in the Winter 2023 term. This courseload allows students to follow the traditional Fall/Winter program while allowing students to build their academic skills during their first three study terms before engaging in a full 18 credit hour term in study terms 4 and 5. If you are new to University level studies we strongly encourage you to follow either Option 1 or Option 2 below.

Information on Registering for courses: Please see https://www.dal.ca/campus_life/academic-support/register-for-courses/register.html

	Term 1: Winter 2024 ENGM 1041 MATH 1280 (CRNs 21774 & 21775) PHYC 1290 9 Credit Hours
Term 2: Fall 2024 CHEM 1021 CPST 1103 ENGI 1103 ENGM 1081 PHYC 1190 13.5 Credit Hours	Term 3: Winter 2025 CHEM 1022 MATH 1290 ENGI 1203 CPST 1203 10.5 Credit Hours *Students Apply for Discipline for Fall 2025 prior to April 30
Term 4: Fall 2025 IENG 2005 ENGM 2101 ENGM 2032 ECED 2000 ENGI 2102 Writing 1 18 Credit Hours	Term 5: Winter 2026 ENGI 2203 ENGM 2022 HIST 1971 Discipline Requirement 1 Discipline Requirement 2 Discipline Requirement 3 18 Credit Hours

Option 2: Optional Course Plan w/ reduced course load

Students who wish to pursue a reduced course load of the duration of their Lower Division studies may follow the option below.

	Term 1: Winter 2024 MATH 1280 (CRNs 21582 & 21583) ENGM 1041 PHYC 1290 9 Credit Hours	Term 2: Summer 2024 CHEM 1021 CHEM 1022 MATH 1290 9 Credit Hours
Term 3: Fall 2024 ENGI 1103 CPST 1103 PHYC 1190 ENGM 1081 10.5 Credit Hours	Term 4: Winter 2025 ENGI 1203 CPST 1203 HIST 1971 Writing 1 Requirement 13.5 Credit Hours *Students Apply for Discipline for Fall 2025 prior to April 30	
Term 5: Fall 2025 IENG 2005 ENGM 2101 ENGM 2032 ECED 2000 ENGI 2102 15 Credit Hours	Term 6: Winter 2026 ENGI 2203 Discipline Requirement 1 Discipline Requirement 2 Discipline Requirement 3 12 Credit Hours	

Notes:

1. Students who have received Transfer credit for MATH 1000 & MATH 1010 have satisfied the requirements for MATH 1280 Engineering Math 1. Such students can register for MATH 1290 in the Winter 2023 term in lieu of MATH 1280.
2. Other common transfer credits include CHEM 1011 & CHEM 1012 (equivalent to CHEM 1021 & CHEM 1022 respectively) or PHYC 1190 (aka 1280) & PHYC 1290.
3. Students who have received transfer credits should consult with Jason LeCoure (engineering@dal.ca) if they have questions regarding course selection.

Important Resources and Contacts:

Faculty of Engineering

First Year Engineering Advising Bissett Center, 4TH Floor SUB
 Second Year Engineering Advising Jason LeCoure, USO

advising@dal.ca
engineering@dal.ca

Director of the Core Engineering Program (Years 1 and 2)
 Dr. George Jarjoura, P.Eng.
 Office location: Dunn Building, Room 332

George.Jarjoura@dal.ca

Undergraduate Studies Office: 5217 Morris Street, O'Brien Hall 302
 Appointments:

engineering@dal.ca

Dr. Darrel Doman, P.Eng, Associate Dean of Engineering, Undergraduate Studies Darrell.doman@dal.ca

Karyn Hemsworth, MPA, Engineering Student Engagement Coordinator

Karyn.Hemsworth@dal.ca

International Student Experience: Justin Deturibe, email: engineering@dal.ca

Dean's Office: O'Brien Hall, 4th Floor
 Appointments: 902-494-3267

Dr. John Newhook, P.Eng., Dean of Engineering

john.newhook@dal.ca

Websites:

Engineering: <http://engineering.dal.ca>

Undergraduate Studies: <https://www.dal.ca/faculty/engineering/u-s-o.html>

Not sure who to contact? Email:

engineering@dal.ca

Dalhousie Supports & Services:

Academic and study skills supports via www.dal.ca/ontrack and www.dal.ca/sfs.

Students **seeking academic accommodations for disabilities** must make an application through the Student Accessibility Centre at https://www.dal.ca/campus_life/academic-support/accessibility.html well in advance of their need for accommodations.

Financial: Student Financial Services: Student.Accounts@dal.ca 902-494-2302

<http://www.dal.ca/dept/financial><http://www.dal.ca/dept/financial-services.html>[services.html](http://www.dal.ca/dept/financial-services.html)

Health, Mental Health & Wellness: On Campus Health Clinic: 902-494-2171 https://www.dal.ca/campus_life/health-andhttps://www.dal.ca/campus_life/health-and-wellness/services-support.html[wellness/services-support.html](https://www.dal.ca/campus_life/health-and-wellness/services-support.html)

Human Rights and Equity Services: hres@dal.ca 902-494-6672 <https://www.dal.ca/dept/hres.html>

Careers: https://www.dal.ca/campus_life/career-and-leadership.html 902-494-3537

International Centre: https://www.dal.ca/campus_life/international-centre.html 902-494-1566 international.centre@dal.ca

Other Student Services: https://www.dal.ca/campus_life.html