PREVIEW DAYS
FOR FUTURE STUDENTS (and their parents)

DALHOUSIE UNIVERSITY
DAL.CA/FUTURESTUDENTS
DALHOUSIE ENGINEERING

Engineering is:

• Designing and creating

• Using technology and science to solve problems

• Thinking through complex concepts to produce simple solutions
THE ENGINEERING PROGRAM

• Years 1 and 2:
  • Diploma of Engineering
    • The first three terms are common. In the Winter of second year, discipline specific courses begin

• Years 3 and 4 (maybe 5):
  • Bachelor of Engineering
  • Bachelor of Engineering with Coop (one extra year)

Advancement to Year 3:
Successful completion of all Diploma Courses (23 courses with EGPA>2.0) Apply for a place in a discipline at the end of your first year (highest grades get 1st choice)
FIRST YEAR COURSES (and course selection)  
(Most classes & labs on Studley Campus)

FIRST YEAR COURSES:  
Physics (Fall & Winter)  
Chemistry (Fall & Winter)  
Calculus  
Linear Algebra  
Design  
Programming  
Statics (Fall & Winter)  
Communications (half Fall & half Winter)

BLOCK REGISTRATION:  
There is no need to make your own schedule. You will register via Block Registration. All courses, tutorials, and labs will automatically fit together. You select a block for each of the fall and winter terms to register for all courses. Students within a block take labs and tutorials together; this makes it easier to meet people and find a study group. Instructions: https://www.youtube.com/watch?v=RnKlou69SlSu
DISCIPLINE CHOICE

● We offer 6 Disciplines:
  ● Chemical Engineering
  ● Civil Engineering
  ● Electrical & Computer Engineering
  ● Environmental Engineering
  ● Industrial Engineering
  ● Mechanical Engineering

THE PROCESS:
➢ At the end of first year - all Engineering students at Dal, as well as all Associated Universities, will rank their discipline preference.
➢ All students are ranked by their grades (GPA)
➢ A GPA of 3.3 guarantees first choice, otherwise placement is competitive
➢ Placement will be made by early June, and students will be notified prior to second-year registration.
SITE COOP (optional)

- Alternating study and work terms
  - 3 or 4 work terms
  - 8 or 9 study terms
- Work anywhere in Canada and the world
  - Supervised by a professional engineer
- Coop office
  - Trains students in interviewing and resume writing
  - Obtains job opportunities
  - Arranges interviews
- Questions: askcoop@dal.ca
STUDENT SUPPORTS

• Student Engagement:
  • Peer Mentorship
  • Supplemental Instruction
  • Early Alert
  • Student Advocacy
  • Student Affairs Committee
  • Society Connections

• Bissett Student Success Centre (Studley Campus) – Academic Advising
• Melda Murray Student Centre (Sexton Campus)