

Engineering

Degree

- B. Eng.

Admission Requirements

First Year

The Ontario Secondary School Diploma (OSSD) or equivalent including a minimum of six 4U or M courses. The six 4U or M courses must include four prerequisite courses (4U courses in Advanced Functions, Chemistry, Physics, and one of Calculus and Vectors (recommended) or Biology or Earth and Space Science). Although it is not an admission requirement, at least one 4U course in either English or français is recommended. Equivalent courses may be substituted between the old and new Ontario mathematics curriculum.

The overall admission cut-off average and/or the prerequisite course average may be considerably higher than the stated minimum requirements for some Engineering programs.

Advanced Standing

Applications for admission with advanced standing to the program leading to the Bachelor of Engineering degree will be evaluated on an individual basis. Successful applicants will have individual academic subjects, completed with grades of C- or higher, evaluated for academic standing, provided the academic work has been completed at another university or degree-granting college or in another degree program at Carleton University. Students must take a minimum of 1.0 credit of complementary studies at Carleton University.

Co-op Option

Direct Admission to the First Year of the Co-op Option

Applicants must:

1. meet the required overall admission cut-off average and prerequisite course average. These averages may be higher than the stated minimum requirements;
2. be registered as a full-time student in the Engineering degree;
3. be eligible for work in Canada (for off-campus work placements).

Note that meeting the above entrance requirements only establishes eligibility for admission to the program. Enrolment in the co-op option may be limited at the discretion of the department.

Note: continuation requirements for students previously admitted to the co-op option and admission requirements for the co-op option after beginning the program are described in the Co-operative Education Regulations section of this Calendar.

Engineering Internship Program

Subject to the availability of positions, qualified students in Aerospace, Communications, Computer Systems, Electrical, Mechanical and Software Engineering may be placed in industry or government, for a period of 12 to 16 months beginning in May following the third year of the program. To be eligible for the internship program, students must be registered as a full-time student in the third year of the Engineering program and have attained a CGPA of 8.0. The program is administered by the Co-op Office. Applications must be submitted through the Co-op web site by October 1 of third year. Students will participate in the co-op job placement process along with the third-year students in Aerospace, Communications, and Mechanical engineering.