

MASTER OF ENGINEERING (M.ENG.) PROGRAM

DEPARTMENT OF COMPUTING AND SOFTWARE
MCMASTER UNIVERSITY

1. ADMISSION

A student can be admitted into the M.Eng. program if he or she has a recognized Bachelor's degree in Computer Science, Engineering, or Mathematics. Students with a degree in another field and substantial background in computing are also considered.

We normally expect that students have taken courses covering the following areas: data structures, algorithm design and analysis, programming languages, software design, logic and discrete mathematics, automata theory, calculus, linear algebra, and statistics.

An average of at least B, based on all 3rd and 4th level courses, is required.

2. DEGREE REQUIREMENTS

An M.Eng. student is required to complete six one-term graduate courses and a project.

2.1. Courses. At most two of these graduate courses can be at the 600-level, and at most two of the six courses can be taken from other department(s). The course selection must be approved first by the student's supervisor and then forwarded to the department for final approval.

All courses should be completed within 16 months of entry into this program.

2.2. Project. The project involves an independent study, usually resulting in completing a software project. The topic is selected jointly by the student and the supervisor. The project is expected to be completed within 4 months.

2.3. Examination. The project is examined by the student's supervisor and another faculty member; the second examiner may be a full-time faculty member in any academic department at McMaster (tenure-track or teaching-track). The second examiner is approved by the department (specifically the M.Eng. advisor). The result of the examination is pass or fail. If the decision is fail, comments must be provided to help revising the project document. A second failure means that the student must withdraw from the program, without obtaining a degree.

2.4. Funding. Funds may be available (but not guaranteed) through teaching assistantships, scholarships, or/and at the discretion of a supervisor. The department does not provide funding for M.Eng. students.

3. OPTIONS

3.1. Part-time. An M.Eng. degree can be completed through a part-time study; the regulations of the School of Graduate Studies apply. In most instances, part-time students will have external employment while participating in the program.

3.2. Advanced Credit Option. An undergraduate student in the Department of Computing and Software with an average of at least B in the third year of study may apply for the Advanced Credit Option. That is,

- in the fourth-year of study, two 600-level courses can be taken towards satisfying the above course requirements, provided the grade in each of them is at least B–;
- full acceptance is guaranteed after completing the fourth year of studies, if a student achieves an average of at least B+ based on all 3rd and 4th level courses.