HONOURS PROGRAM

What is the purpose of the Honours Program?
It is designed for students who wish to pursue postgraduate studies and who are looking for a career in research and advanced engineering development.

Will I still be admitted to graduate school if I do not follow the Honours program?
Of course. Keep in mind that such programs are offered by very few universities in North America.

Will my employment chances be hurt if I choose not to go to graduate school?
Having just an Honours degree certainly will not hurt your chances of employment. In fact, many Honours graduates have had very successful careers in industry.

What are its main features?
The technical complementaries consist of graduate-level courses. Taking these courses alongside graduate students eases the transition to graduate school.

By when do I have to decide if I want to follow the Honours Program?
Students are eligible to apply to the Honours Program in the third semester for CEGEP graduates and the fifth semester for non-CEGEP Entry.

Can I change my mind about Honours after starting in the program?
Yes, there is always the possibility of transferring from Honours to the regular programs in Electrical or Computer Engineering.

Is there an Honours Computer Engineering or Software Engineering Program?
Unfortunately not, but students in the Honours Program have a large range of courses from which to choose their technical electives and can use these to focus their final year studies on Computers or Software based courses.

Where can I get more information on the Honours Program?
If you want to discuss the Honours Program more in detail, please contact the departmental office at undergrad.ece@mcgill.ca. For more information on the Honours Program visit our Web site at http://www.mcgill.ca/ece/programs/undergrad/information/honours

Eligibility
To be considered for entry to the Honours program a student must have:

a) Completed at least 14 credits in each semester since entering Electrical Engineering;

b) CGPA of at least 3.50 since entering Electrical Engineering; and

c) Completed the usual U1 courses and (for 8-semester students) pre-engineering courses.

To remain in the Honours program and to be awarded an Honours degree, a student must have completed at least 14 credits in each term since entering Electrical and Computer Engineering, except for the final two terms of their degree, and have maintained a CGPA of at least 3.30 since entering Electrical and Computer Engineering.

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Degree Requirements

Honours students must satisfy the following degree requirements in order to graduate with an Honours degree in Electrical Engineering:

- Regular Electrical Engineering degree requirements, minus ECSE 458 (Capstone Design Project)

- Honours Research Lab 1, ECSE 396, Honours Research Lab 2, ECSE 397, Honours Research Lab 3, ECSE 496, Honours Research Lab 4, ECSE 497, Electrical Engineering Honours Thesis 478 (6 credits)

- The graduate level version of Numerical Methods in Electrical Eng course (ECSE 543)

- Technical Complementary courses chosen from the following list: http://www.mcgill.ca/study/2019-2020/faculties/engineering/undergraduate/programs/bachelor-engineering-bengaHonours-electrical-engineering

- A course load of at least 14 credits for each semester of the program, except for the final two semesters of their degree.*

- CGPA of at least 3.30 throughout the program

*Students may drop below 14 credits their final two full semesters (i.e., fall and winter, or winter and fall), provided that the combined load for the two semesters is at least 16 credits.)