<https://en.etsmtl.ca/en/Prospective-Students/Academic-Programs/Ph-D-Program/3014>

**Structure of the program**

The Ph.D. in Engineering comprises 90 credits which comprises 15 academic credits and 75 thesis credits.   
  
**Applied Research profile (3014)** **(profile offered in French or in English)**  
  
https://en.etsmtl.ca/ETS/media/ImagesETS/Icone/Fleche/fl_noir.png **2 optional courses (6 cr.) chosen from among the bank of graduate and Ph.D. level engineering courses available at ÉTS\*, with the exception of MTR871  
AND**

**DGA1030 – Doctoral Exam** (**9 cr**.)

DGA1031 Research problematics  
DGA1032 Written exam  
DGA1033 Oral exam  
  
Evaluate the research project, along with the student’s acquired knowledge and ability to carry out the research leading up to the thesis. The objective of this activity is to ensure that the student possesses a wide range of knowledge in the various engineering disciplines with a view to incorporating this knowledge into the design process. The activity comprises three steps, which must be carried out in the following order: research problematics, a written exam, and an oral exam before a panel of examiners.

**DGA1095 – Doctoral thesis – Applied Research profile** (**75 cr**.)

The doctoral thesis comprises an original research project with a defined or undefined subject that is carried out within the context of a joint project in industry. The work must lead to the advancement of knowledge in the engineering field. ÉTS encourages carrying out research projects within a company setting.

\* **Up to 6 course credits can be earned in another educational institution, following approval.**   
  
Students who intend to pursue a career in higher education can take courses in Teaching for Higher Education from the Graduate Studies Short Program offered by UQAM as credit courses.

Authorization to transfer credits

<https://mobilite-cours.crepuq.qc.ca/4DSTATIC/ENAccueil.html>

<http://www.concordia.ca/academics/graduate/calendar/current/encs/compsoen.html#course-descriptions>

**Cheminot**

