

25.00 credits

Q1 and Q2


This learning unit is not open to incoming exchange students!

Language :	English
Place of the course	Louvain-la-Neuve
Main themes	<p>A project aimed at resolving a complex problem arising from the engineering profession. The scope of final-year projects ranges from a technological and industrial focus (aimed at introducing students to the profession of industrial engineering) to a research focus (aimed at introducing students to the profession of research engineering). Many dissertations combine these two aims to varying degrees. The cross-disciplinary skills incorporated into the TFE are linked to the targeted learning outcomes: writing, communication, planning and argumentation, and an awareness of ethical, economic and societal issues. Full details can be found on the 'EPL2990' Moodle platform</p>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>AA1: to demonstrate mastery of a set of knowledge and skills in the fundamental sciences and/or engineering sciences, relevant to the subject of their final-year project;</p> <p>AA2 to successfully complete a major engineering project, in terms of scope and time committed, applied to the development of the product, service or installation covered by the final year project (this AA applies to a final year project with a significant 'development/technological' component);</p> <p>AA3 to successfully complete a research project of considerable scope, scale and duration, aimed at understanding and contributing to the resolution of an original scientific question of a theoretical or physical nature (this AA applies to a TFE with a significant 'research' component);</p> <p>AA4 to organise and plan the conduct of the TFE based on the allocated resources and constraints relating to time, safety (where applicable) and available skills;</p> <p>AA5 to communicate effectively, both orally and in writing (in French and/or English), in order to carry out the TFE;</p> <p>AA6 to take into account the societal impact (potential economic value and/or ethical impact and/or environmental and/or social impact).</p> <p>The specific learning outcomes are defined in the Moodle course 'EPL2990'.</p>
Evaluation methods	<p>If not otherwise stated in a document signed by both the master thesis supervisor and the student, the use of generative artificial intelligence to help writing the master thesis or some of its parts, or to write (parts of) a code, is not forbidden, provided the student indicates in the methodological part of his or her master thesis how and where these tools were used. Additionally, when part of the master thesis document is copied from a proposition made by an artificial intelligence, this specific AI tool needs to be referenced as the source of the text, as should be done for an excerpt of a published text.</p>
Inline resources	<p>Rules and guidelines, important dates, templates and other information about master theses can be found on the dedicated Moodle web site https://moodle.uclouvain.be/course/view.php?id=3236</p>
Faculty or entity in charge	INFO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Computer Science and Engineering	INFO2M	25		