

5.0 credits	30.0 h + 0.0 h	2q
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Teacher(s) :	Tancrez Jean-Sébastien ; Catanzaro Daniele ;
Language :	Français
Place of the course	Mons
Prerequisites :	Operations Research, computerized data management, project management.
Main themes :	<p>Being able to carry a project out, in a coordinated, structured and complete manner, is an essential skill for a manager in most modern companies. In this course, the students undertake and manage a project in groups. Structuring the project and coordinating the team is thus crucial to the project success.</p> <p>The problem at hand is inspired by a realistic and complex case, that can be encountered by a company, and requiring the application of quantitative management methodologies. The goal of the project is to propose a concrete and applicable solution, providing identified benefit, based on structured justification, and clearly presented. For that, students apply concepts and methodologies coming from various fields of knowledge in management (operations research, computerized data management, project management, specialized functions in management, quantitative methods in management, etc.). The quantitative project thus aims at bringing together technical and managerial knowledge, as well as coordination and communication skills.</p>
Aims :	<p>At the end of this course, the student is able to:</p> <ul style="list-style-type: none"> - Analyse a realistic and complex problem, and identify its main trade-offs and stakes. - Propose a structured and justified methodology to solve a realistic problem. - Apply the appropriate techniques to offer a beneficial solution. - Present the results of a project in a clear and convincing way. - Manage a group project in a structured and coordinated manner. <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Cycle and year of study :	> Master [120] in Business Engineering
Faculty or entity in charge:	BLSM