

5.00 credits


30.0 h

Q2

Teacher(s)	Gailly Benoît ;
Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	<p>This course is reserved for students with a bachelor's degree in business engineering or students with equivalent quantitative method skills.</p> <p><i>LLSMS2040 or equivalent is a prerequisite</i></p>
Main themes	<p>The objective of this class is to introduce the main concepts, models and issues of creating innovation-friendly organizations and environments, from the policy and ecosystem point of views.</p> <p>We address in particular some key implications of innovation management regarding innovative people, teams, organizations, networks and ecosystems</p>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>Having regard to the LO of the programme, this activity contributes to the development and acquisition of the following LO :</p> <ul style="list-style-type: none"> • Innovation and entrepreneurship • Knowledge and reasoning • Project management • Communication and interpersonal skills 1 • Corporate citizenship <p>At the end of this course, the student will be able to</p> <ul style="list-style-type: none"> • understand how the ecosystems surrounding an organization affect its ability to manage innovation. • Building upon what they learned in the LLSMS2040 class, they will understand in particular the competitive importance of networking and collaborations as well as the role of public policies and innovation support systems.

Evaluation methods	<p>Evaluation criteria</p> <p>The evaluation combines class participation (bonus points), group works (continuous evaluation - 50%) and an oral exam (20 min, in June, 50%). Students who fail the June exam can have a second chance in September (oral exam or written work if student is abroad)</p> <p>Compulsory attendance for corporate testimonials, workshops and group work presentations</p> <p>The evaluation criteria for the oral exam include:</p> <ul style="list-style-type: none"> • Ability to present the concepts addressed during the class (<i>"Maîtriser les savoirs"</i>) • Ability to explain and present in a rigorous way those concepts (<i>"Appliquer une démarche scientifique"</i>) • Ability to illustrate in a relevant and fact-based way the concepts through (among others) the testimonies and the case studies presented in the class. (<i>"Communiquer"</i>) • Ability to understand the key implications and limitations of the concepts, in the context of the class subject (<i>"Innover et entreprendre"</i>) • Ability to understand the key implications and limitations of the concepts, in the context of management in general (<i>"Se développer"</i>) • Ability to criticize, develop or complement the concepts in a relevant and original way. <p>The evaluation criteria for the group work include:</p> <ul style="list-style-type: none"> • Relevance, originality and ambition of the group project • Mobilization of key innovation management concepts and methods • Quality and scope of data, references and sources used • Professionalism and rigor of methodological approach • Ability to synthesize results and draw implications and limitations • Critical thinking, ability to nuance and entrepreneurial mindset • Clarity, style and structure of presentations (written and oral) • <i>Compliance to guidelines</i> <p>Continuous evaluation</p> <ul style="list-style-type: none"> • Type of evaluation: Preparation of group readings and group work presentation • Comments: Compulsory attendance for group workshops and corporate testimonials • The evaluation includes class participation (up to two bonus points) <p>Evaluation week</p> <ul style="list-style-type: none"> • Oral: <i>No</i> • Written: <i>No</i> • Unavailability or comments: <i>No</i> <p>Examination session (June)</p> <ul style="list-style-type: none"> • Oral: <i>3 Students/hour</i> • Written: <i>No</i> • Unavailability or comments: <i>Teacher-run schedule</i> <p>Use of content generation tools ("generative" artificial intelligence: Chatgpt & co)</p> <p>Except when specifically authorized, the use of content generation tools should be limited to suggesting preliminary ideas (similar to using a search engine) or improving wording (similar to using a spell checker). If any part of the work is not an original contribution by the student(s), it should be clearly communicated using adequate referencing.</p> <p>In particular, by submitting an assignment for evaluation, you assert the following:</p> <p>The assignment accurately reflects the facts and you have verified those facts, especially if they originate from generative AI resources;</p> <p>All your sources beyond <i>common knowledge</i> are properly attributed. <i>Common knowledge</i> is what a knowledgeable reader can assess without requiring confirmation from a separate source;</p> <p>You have adhered to all specific requirements of your assigned work, in particular requirements for transparency and documentation of process, or have explained yourself where this was not possible.</p> <p>If any of these assertions are not true, whether by intent or negligence, you have violated your commitment to truth, and possibly other aspects of academic integrity. This constitutes academic misconduct.</p>
Teaching methods	The pedagogical methods used include lectures, case study and testimonials, pre-readings and student presentations
Content	<p><i>Class structure:</i></p> <ol style="list-style-type: none"> 1. <i>Build a shared vision of innovation (LLSMS 2116)</i> 2. Manage entrepreneurial ecosystems <ol style="list-style-type: none"> 2.1 Encourage people to innovate 2.2 Build and lead effective innovative teams 2.3 Build innovation-ready organizations 2.4 Develop innovative networks and collaboration (<i>see also LLSMS 2041</i>) 2.5 Create innovation ecosystems (<i>see also LLSMS 2041</i>) 3. <i>Identify attractive innovation opportunities (LLSMS 2040-2042)</i> 4. <i>Develop a balanced portfolio of business models (LLSMS 2040-2042)</i>

	<p>5. <i>Implementation: fail fast and win big (LLSMS 2040-2042)</i></p> <p>5.1. <i>Nimble execution: learn cheaply and adapt quickly</i></p> <p>5.2. <i>Lean development - more brain, less storming</i></p> <p>5.3. Smart money - funding innovation projects (tbc)</p>
Inline resources	<p>www.NavigatingInnovation.org</p> <p>www.Zinnovants.eu</p>
Bibliography	<p>Reference book: Navigating Innovation (Palgrave, 2018)</p> <p>Recommended readings:</p> <ul style="list-style-type: none"> • Tidd J., Bessant D. (2018) <u>Managing Innovation</u>, 6th Edition, Wiley • Mitra, Jay (2012) <u>Entrepreneurship, Innovation and Regional Development</u>, Routledge • Mazzucato, M. (2013) <u>The Entrepreneurial State</u>, Anthem Press • Robertson, D. (2014) <u>Brick by brick: How Lego rewrote the rules of innovation</u>, RH <p>Extended bibliography available through class material and online resources</p>
Other infos	<p>This class is a follow-up of LLSMS2040 and LLSMS2042</p>
Faculty or entity in charge	<p>CLSM</p>

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] : Business Engineering	INGE2M	5		
Master [120] : Business Engineering	INGM2M	5		