UCLouvain

lfsa2212

2020

Innovation classes

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h + 15.0 h	Q1

Teacher(s)	Macq Benoît ;Raskin Jean-Pierre ;Raucent Benoît ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	#innovation #creativity #invention
Aims	1 **This course contributes to learning outcomes 2, 3, 4, 5 of the targeted reference system of competences for EPL students.** **Learning outcomes of the course** At the end of the training the students will be able to: • Identify / evaluate / improve innovative / relevant / realistic idea by demonstrating leadership in an uncertain environment • Develop and / or improve a product / service / technology following a rigorous innovation method • Identify stakeholders / clients and assess their expectations • Identify, mobilize and manage resources and networks needed to develop an innovation project (team, partners, consultants, means ...) • Identify ways to have potential users acknowledge the benefit(s) of a project • To communicate, evolve, work in a team and develop a project in a multicultural and multidisciplinary context • Be creative and bold, dare to violate the customs and dominant practices, demonstrate initiative and risk-taking - - - - *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".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Students' learning outcomes will be evaluated on the basis of the following elements: • report and presentation/pitch of the stay abroad (20%); • report and group presentation on the group project (60%), the form of the report is left free (written report, video, website, ...); • active participation during activities, individual grade (20%) Students who will not be traveling abroad will be assessed only: • on the report and group presentation criteria (80%) and • on individual participation (20%)
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** This course consists of: two full days of kick-off to introduce students to innovative design, and a project spanning 10 weeks with weekly workshops from 6,15pm to 9,15pm every Monday. Throughout their project students will be supervised by professionals in the domain of innovation.
Content	This teaching is to make students aware of approaches such as Design Thinking, Lean startup and Effectuation. It also seeks the appropriation by the students of innovative design method such as TRIZ. Concretely, it includes the following: · Clarification of a request or an issue · Finding solutions using methods promoting creativity · Prototyping solutions · Communication in the form of pitches Project management in a multicultural context
Inline resources	https://uclouvain.be/en/faculties/epl/innovation-classes-fsa-2212.html

Bibliography	Tous les documents sont disponibles sur le site icampus/Moodle
Other infos	This teaching is part of the TIIC module of the International Lhoist Berghmans Innovation Chair and aims to develop innovative ways of thinking in an international context. It is open to EPL master students graduating that same year as well as to students from other faculties in order to constitute multidisciplinary teams. It is a prerequisite for students that have chosen a master thesis with the innovation label. Finally, exchange students are welcome. A course description as well as conditions of admission may be obtained from the professors in charge of this course : benoit.raucent@uclouvain.be; benoit.macq@uclouvain.be, jean-pierre.raskin@uclouvain.be
Faculty or entity in charge	EPL

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Linguistics	LING2M	5		
Master [120] in Management	GESM2M	5		
Master [120] in Civil Engineering	GCE2M	5		
Master [120] : Business Engineering	INGM2M	5		
Master [120] in Electrical Engineering	ELEC2M	5		
Master [120] in Management	GEST2M	5		
Master [120] in Electro-mechanical Engineering	ELME2M	5		
Master [120] in Multilingual Communication	MULT2M	5		
Master [120] : Business Engineering	INGE2M	5		
Master [120] in Motor Skills: Physical Education	EDPH2M	5		
Master [120] in Law	DROI2M	5		