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| Teacher(s)          | Belleflamme Paul ;Marichal Xavier ;Mossay Emmanuel ;Shrestha Prabal ;  |
| Language :          | English  |
| Place of the course | Louvain-la-Neuve   |
| Prerequisites       | None   |
| Main themes         | <p>The climate emergency and the rapid exhaustion of non-renewable natural resources are making all economic activities increasingly reliant on the good management of natural resources. The long-term performance and durability of all organizations increasingly depend on sustainability strategies and business policies that explicitly consider the impact of their activities on the environment and, more globally, on society. Against this backdrop, this course focuses on understanding the business and policy logic for making the environment, sustainability, and natural resources core elements of the strategy and management of organizations. It studies the processes and tools that can be used to link environmental, sustainability, and natural resource concerns with strategies, development of products and services, and operations management. More specifically, the course provides guidance as to how and when environmental, energy, and natural resource management can be translated into business model innovations and the achievement of a circular and regenerative economy.</p>  |
| Learning outcomes   |  |
| Evaluation methods  | <p>The final grade in this course will be based on marks in individual coursework, group coursework, and a final exam.</p> <ul style="list-style-type: none"> <li>• The individual coursework counts toward 20% of the final grade. It consists of a combination of activities specified at the start of the course (for instance, participation in group meetings, quizzes, or evaluation of group reports).</li> <li>• The group coursework counts toward 50% of the final grade. The contents, guidelines, and deliverables will be specified at the start of the course.</li> <li>• The final, closed-book exam counts toward 30% of the final grade.</li> </ul> <p>For the individual coursework, the marks are final and cannot be retaken. However, if your mark for the group coursework is below 10/20, you can replace it with an individual assignment. You can also retake the final exam in August.</p>   |
| Teaching methods    | <p>Environmental/sustainability issues and their potential solutions are typically complex and multifaceted. Companies may also be tempted to leverage these issues for marketing and public relations purposes instead of implementing new practices that are genuinely sustainable. Thus, this course must adopt an interdisciplinary approach that sharpens the learners' critical thinking skills. To this end, class time is devoted to lecturing, discussion, and invited talks. Students participate through case discussions and independent reading of academic and business literature. There is a heavy emphasis on student contribution to class discussion. There is a case-based activity in most sessions. These activities are designed to deepen the student's knowledge of the topics addressed in the lectures. All students are required to participate in the activities.</p>   |
| Content             | <p>The climate emergency and the rapid exhaustion of non-renewable natural resources are making all economic activities increasingly reliant on the sound management of natural resources. The long-term performance and durability of all organizations increasingly depend on sustainability strategies and business policies that explicitly consider the impact of their activities on the environment and, more globally, on society. Against this backdrop, this course focuses on understanding the business and policy logic for making the environment, sustainability, and natural resources core elements of the strategy and management of organizations. It studies the processes and tools linking environmental, sustainability, and natural resource concerns with strategy, development of products and services, and operations management. More specifically, the course guides how and when environmental, energy, and natural resource management can be translated into business model innovations and achieving a circular and regenerative economy. As the scope of the course is vast, the team of instructors will select a range of topics based on their background, interests and experience.</p> <p>Potential covered topics are (but not limited to): Regenerative economy, Circular economy, Servitization, Energy business and strategy, Risk management and climate change, Sustainable business models, Innovation in cleantech and climate change solutions.</p> |
| Inline resources    | All the information and teaching material relevant to the course will be posted on a dedicated Moodle website.   |
| Bibliography        | The course relies on a set of readings and other pedagogical material available to registered students through the Moodle website of the course.   |

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| Faculty or entity in charge | CLSM |
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| <b>Programmes containing this learning unit (UE)</b> |         |         |              |   |
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| Program title  | Acronym | Credits | Prerequisite | Learning outcomes   |
| Master [120] : Business Engineering                  | INGE2M  | 5       |              |  |