



Module Title	Innovation Challenge
<b>Code</b>	MCCf463
<b>Degree Programme</b>	Master of Science – Circular Innovation and Sustainability
<b>ECTS Credits</b>	3
<b>Workload</b>	90 hours
<b>Module Coordinator</b>	Name: <a href="#">Prof. Dr. Frédéric Pichelin</a> Phone: +41 (0) 32 344 03 42 Email: <a href="mailto:frederic.pichelin@bfh.ch">frederic.pichelin@bfh.ch</a> Address: BFH – AHB, Solothurnstrasse 102, 2500 Biel-Bienne
<b>Lecturers</b>	<ul style="list-style-type: none"> <li>• <a href="#">Dr. Andreas Eigenheer</a>; AHB</li> <li>• <a href="#">Milena Bettina Daphinoff</a>; AHB</li> </ul>
<b>Entry Requirements</b>	None
<b>Competencies upon Completion</b>	After completing the module, students will be able to: <ul style="list-style-type: none"> <li>• identify the success factors of innovation;</li> <li>• apply the design thinking methodology;</li> <li>• develop an idea with a group;</li> <li>• present their idea to a wide audience.</li> </ul>
<b>Content</b>	The innovation process is complex and several methods like co-creation and design thinking have been identified as very helpful methods to structure this process. The aim of this module is to highlight the potential of these methods and apply them to a real problem/project. The group dynamic will be stimulated by a competitive environment, like Hackathon (a guided challenge in a given time frame). After presenting the challenge, experts in the field of innovation will give input to each team. The idea will be developed following the design thinking approach and finally each team will be trained to present its concept/prototype in a professional environment. The winner of this competition will be automatically entered for the willbee innovation price ( <a href="#">willbee - Wood bee</a> ).
<b>Teaching and Learning Methods</b>	<ul style="list-style-type: none"> <li>• Project-Based Learning</li> <li>• Flipped classroom</li> <li>• Design thinking</li> <li>• Group project</li> <li>• Guest speaker</li> <li>• Pitching in a professional environment</li> </ul>
<b>Competency Assessment</b>	<ul style="list-style-type: none"> <li>• Report (60%)</li> <li>• Final pitch (40%)</li> </ul> <p>Students who receive an insufficient overall grade of 3.5, are given the opportunity to carry out a <i>subsequent improvement</i> of written assignments defined by the <i>Module Coordinator</i>. The maximum overall grade that can then be obtained is 4. This still counts as the first attempt.</p>
<b>Mode of Repetition</b>	Should a student fail the module, they have one more attempt.

	<p>They may either:</p> <ul style="list-style-type: none"> <li>• Submit a new assignment (100%), defined by the <i>Module Coordinator</i>, for the next resit examination session - <u>provided the student has actively participated in the group work throughout the course.</u></li> <li>• Repeat the full module next time it is offered.</li> </ul>
<b>Format</b>	Five times 4 lessons distributed over 7 weeks
<b>Attendance</b>	<p>Not mandatory</p> <p>However, active participation in group work throughout the module is mandatory. A lack of commitment and/or participation in this group work can lead to exclusion from the <i>Competency Assessment</i> and therefore to failure of the module.</p>
<b>Module Type</b>	Compulsory-Elective
<b>Timing of the Module</b>	Spring Semester, Calendar Weeks 08 to 14
<b>Venue</b>	Onsite   Brückenstrasse 73, 3005 Bern
<b>Literature</b>	Literature will be provided before the start of the module via Moodle.
<b>Language</b>	English
<b>Links to Other Modules</b>	<ul style="list-style-type: none"> <li>• MCCf163 Circular Cities</li> <li>• MCCf173 Circular Use of Materials</li> <li>• MCCf233 Social Entrepreneurship</li> <li>• MCCf243 Digitalization and Sustainability</li> <li>• MCCf453 Circular Design</li> </ul>
<b>Last Update</b>	November 2024