



Module Title	Society and Technology
Code	MCCf313
Degree Programme	Master of Science – Circular Innovation and Sustainability
ECTS Credits	3
Workload	90 hours
Module Coordinator	Name: Prof. Dr. Sebastian Gurtner Phone: +41 (0) 31 848 34 27 Email: sebastian.gurtner@bfh.ch Address: BFH – Institut Innovation and Entrepreneurship Brückenstrasse 73, 3005 Bern
Lecturers	Different experts from social work, business, and management.
Entry Requirements	None
Learning Outcomes and Competences	After completing the module, students will be able to: <ul style="list-style-type: none"> • understand the complex relationship between technologies and society; • classify social innovations in the sense of an extended understanding of innovation in the context of the "general" innovation discussion and theory; • assess the impact of an innovation project on different societal stakeholders; • know models, approaches, and methods to support the diffusion (top down or bottom up) of socially innovative approaches; • discuss ethics and moral in the context of technological developments.
Module Content	In addition to the classic approach and understanding of innovation, there is a growing awareness that technological and systemic developments should be viewed more in the light of the dimension of social developments and trends. Conversely, those developments can also trigger social innovations and development steps, but also make them necessary and desirable. This is particularly important to promote and ensure sustainability at various levels. They are thus also an important output of circular economy models. Furthermore, the findings from evaluations of social innovations serve as a starting point for the (further) development of systems and technologies. Overarching socially transformative objectives (also in the sense of developing "cultures") can be measured against them - in the sense of effects - and their ethical/moral impact assessed.
Teaching / Learning Methods	<ul style="list-style-type: none"> • Contact teaching • Individual and group exercises • Blended learning
Assessment of Learning Outcome	Final written exam (100%)

Conditions of assessment repetition	<p>In case of failure, students can either:</p> <ul style="list-style-type: none"> • Repeat the competence assessment at next re-examination period (as defined in the “Assessment of Learning Outcome”). • Retake the full module next time it is offered. <p>NB: in MSc CIS, failed modules can only be repeated once!</p>
Format	4 x 4 teaching lessons spread over 7 weeks
Attendance & Compulsory session	Not compulsory
Timing of the module	Spring Semester
Venue	On-site
Location	Bern
Bibliography	Literature will be provided before the start of the module.
Language	English
Links to other modules	<ul style="list-style-type: none"> • MCCf013 Introduction to circular economy • MCCf046 Bridging economics and management • MCCf443 Impact assessment
Last Update	May 2023