



Module Title	Expansion of personal competences: products and processes
Code	MCCf186
Degree Programme	Master of Science – Circular Innovation and Sustainability
ECTS Credits	6
Workload	180 hours <ul style="list-style-type: none"> • 20 h contact teaching and seminar days • 160 hours guided self-study and project work
Module Coordinator	Name: Prof. Dr. Frédéric Pichelin Phone: +41 (0) 32 344 03 42 Email: frederic.pichelin@bfh.ch Address: BFH – AHB, Route de Soleure 102, 2500 Biel-Bienne
Lecturers	<ul style="list-style-type: none"> • Prof. Dr. Joachim Huber; AHB • Prof. Dr. Nicolas Bueche; AHB • Prof. Dr. Aude Emilie Chabreliè; AHB • Prof. Peter Affolter; TI • Aymeric David Niederhauser; TI
Entry Requirements	Prerequisite: <ul style="list-style-type: none"> • At least 42 ECTS have been covered in the Master programme • MCCf356 Expansion of personal competences: inter- and transdisciplinary projects
Learning Outcomes and Competences	After completing the module, students will be able to: <ul style="list-style-type: none"> • independently develop solutions and optimize processes according to circular principles; • systematically differentiate different management options for sustainable resource use through circular designs; • actively participate in scientific discussions with specialists with a focus on circular product and process design.
Module Content	The expansion modules allow the students to apply their acquired knowledge to concrete projects and to further develop their personal competences. The students define the personal objectives, the content, the approach as well as the type(s) of the assessment of competences together with a coach in their individual <i>Terms of Reference</i> . For detailed information see the <i>Guidelines for the Expansion Modules</i> .
Teaching / Learning Methods	<ul style="list-style-type: none"> • Presentations • Case studies • Project-based learning
Assessment of Learning Outcome	<ul style="list-style-type: none"> • Oral presentation and discussion (30%) • Individual assessment of performance according to the Terms of Reference (70%)

Conditions of assessment repetition	In case of failure, the conditions for repeating or correcting the proof of competence must be determined with the module coordinator and the coach. NB: in MSc CIS, failed modules can only be repeated once!
Format	Seminars at the beginning and end of the module as well as a mid-term peer-learning session. Guided self-study to set personal learning targets and individually agreed course contents. This includes, but it is not limited to, project work, self-studies, or relevant internships. Contents must be approved by the coach and agreed upon in the <i>Terms of Reference</i> .
Attendance & Compulsory session	Not compulsory
Timing of the module	Autumn Semester
Venue	Seminar days on-site
Location	Bern, Biel-Bienne
Bibliography	NA
Language	English
Links to other modules	<ul style="list-style-type: none"> • MCCf256 Expansion of personal competences: business models • MCCf356 Expansion of personal competences: inter- and transdisciplinary projects
Last Update	May 2023