



Module Title		Expansion of Personal Competencies: Products and Processes	
Code	MCCf186		
Degree Programme	Master of Science – Circular Innovation and Sustainability		
ECTS Credits	6		
Workload	180 hours		
Module Coordinator	Name: Dr. Andreas Eigenheer Phone: +41 (0) 32 344 17 77 Email: andreas.eigenheer@bfh.ch Address: BFH – AHB, Solothurnstrasse 102, 2500 Biel-Bienne		
Lecturers	<ul style="list-style-type: none"> • Prof. Dr. Frédéric Pichelin; AHB • Prof. Dr. Joachim Huber; AHB • Prof. Dr. Aude Emilie Chabrelie; AHB • Dr. Aybike Öngel; AHB • Barbora Starovicova; AHB • Prof. Dr. Stefan Grösser; TI • Prof. Ulrike Brämwig; HAFL 		
Entry Requirements	Prerequisite: <ul style="list-style-type: none"> • At least 35 ECTS of the CIS programme have been completed. • Preselection of practical project ~6 weeks before the start of the module. • Submission of Research Questions document 2 or 3 weeks before the start of the module. • All required <i>Bridging Modules</i> • MCCf413 Research Methods 1: Qualitative Approaches • MCCf433 Research Methods 3: Transdisciplinary Approaches 		
Competencies upon Completion	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 between various management options for sustainable resource use through circular design; • actively participate in scientific discussions with specialists with a focus on circular product and process design. 		
Content	Expansion modules allow students to apply their acquired knowledge to concrete projects and to further develop their personal competencies. The students define the personal objectives, the content, and the approach together with a coach in their individual <i>Terms of Reference</i> . Further information is provided in the <i>Guidelines for the Expansion Modules</i> .		

Teaching and Learning Methods	<ul style="list-style-type: none"> • Project-Based Learning • Case studies • Presentations • Coaching
Competency Assessment	<ul style="list-style-type: none"> • Oral presentation (30%) • Report and individual assessment of performance according to the <i>Terms of Reference</i> (70%) <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 their coach. The maximum overall grade that can then be obtained is 4. This still counts as the same attempt.</p>
Mode of Repetition	Should a student fail the module, they have one more attempt and must repeat the entire module next time it is offered.
Format	<ul style="list-style-type: none"> • Online seminar 2 or 3 weeks before the start of the module. • Onsite seminars at the start, middle and end of the module. • Guided self-study, project work and coaching.
Attendance	<p>Seminars are mandatory.</p> <p>The timely submission of the research questions is mandatory. Failure to comply with this condition, can lead to exclusion from the <i>Competency Assessment</i> and therefore to failure of the module.</p>
Module Type	Compulsory
Timing of the Module	Autumn Semester or Spring Semester
Venue	Onsite Brückenstrasse 73, 3005 Bern
Literature	NA
Language	English
Links to Other Modules	<ul style="list-style-type: none"> • MCCf256 Expansion of Personal Competencies: Business Models • MCCf356 Expansion of Personal Competences: Inter- and Transdisciplinary Projects
Last Update	February 2026