

Valid for 2024.FS

Module Name: Transformation Processes	
Module Code	w.MA.XX.TRAP.23HS
Module Description	The implementation of the circular economy is a long-term transformation process in which technologies, materials, processes and value chains, business models, regulations and standards, practices, and behaviors are newly combined into a system innovation and, therefore, reconfiguring existing economic sectors. In this module, concepts and methods for the analysis of this complex system innovation as well as approaches for the management of transformations are taught.
Program and Specialization	Circular Economy Management
Legal Framework	Academic Regulations MSc in Circular Economy Management dated 02.06.2022, Appendix to the Academic Regulations for the degree program in Circular Economy Management, first adopted on 23.09.2022
Module Category	Module Type: Compulsory
ECTS	3
Organizational Unit	W Center for Corporate Responsibility CCR
Module Coordinator	Jörg Musiolik (musi)
Deputy Module Coordinator	Annette Jenny (jeyn)
Prerequisite Knowledge	Students have basic knowledge of circular economy methods and definitions, technologies, and innovations in the circular economy and governance and policies.
Contribution to Program Learning Goals (Affected by Module)	<ul style="list-style-type: none"> § Professional Competence § Methodological Competence § Social Competence § Self-Competence
Contribution to Program Learning Objectives	<ul style="list-style-type: none"> Professional Competence <ul style="list-style-type: none"> § Knowing and Understanding Content of Theoretical and Practical Relevance § Apply, Analyze, and Synthesize Content of Theoretical and Practical Relevance § Evaluate Content of Theoretical and Practical Relevance Methodological Competence <ul style="list-style-type: none"> § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence <ul style="list-style-type: none"> § Written Communication § Oral Communication § Teamwork & Conflict Management § Intercultural Insight & Ability to Change Perspective Self-Competence <ul style="list-style-type: none"> § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change
Module Learning Objectives	<p>Students...</p> <ul style="list-style-type: none"> § understand the characteristics of long-term sustainability transitions. § can apply theories and methods for analyzing the transformation of selected sectors or industries. § understand the methodology surrounding the management of transitions, derivation of policies, and measures for transition management.
Module Content	<ul style="list-style-type: none"> § The circular economy as a system innovation. § The concept of scio-technical systems, regimes, inertia, and lock-in. § Niche developments, radical innovation processes, and their interaction in the circular economy. § Innovation system analysis as a tool to trace transitions. § The concept of transition paths and methodology of variation analysis. § The governance and policies of circular economy transition.
Links to other modules	<p>The content of this module is linked to the following modules:</p> <ul style="list-style-type: none"> w.MA.XX.BMCE.23HS w.MA.XX.DPG.23HS

Methods of Instruction	§ Lecture § Case Studies § Exercises § Project Work	Social Settings Used: § Individual Work § Pair Work § Group Work		
Digital Resources	§ Teaching Materials § Multiple Choice Tests			
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study	
Lecture	10 h	20 h		
Excercise	10 h	-		
Project Work	5 h	45 h		
Seminar	-	-		
Total	25 h	65 h		
Performance Assessment				
End-of-module exam	Form	Length (min.)	Weighting	
-	-	-	-	
Permitted Resources	-			
Others				
	Assessment	Length (min.)	Weighting	
Written Assignment	Grade	-	30.00%	
Written Assignment	Grade	-	70.00%	
Students are not allowed to revise and resubmit performance assessment tasks.				
Classroom Attendance Requirement	Mandatory Attendance: 90%			
Language of Instruction/Examination	English			
Compulsory Reading	-			
Recommended Reading	-			
Comments	-			