

Valid for 2023.HS

Module Name: Sustainability – Sufficiency – Efficiency – Consistency	
Module Code	w.MA.XX.SSEC.23HS
Module Description	Sustainability is the practice of using natural resources, such as water, soil, or air responsibly so that they can support both present and future generations. The concept of sustainability provides a normative framework for the implementation of sustainability and is also a subject of research. This module reflects on the root causes of unsustainability and the most important trends and concepts of sustainability, relating them to the concept of the circular economy. Sufficiency, efficiency, and consistency are presented as important strategies for implementing sustainable development. Based on current debates and practical examples, advantages and disadvantages are considered and their integration into circular economy concepts are discussed.
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	Annette Jenny (jeyn)
Deputy Module Coordinator	Rolf Krebs (krbs)
Prerequisite Knowledge	Students are able to explain the principles of sustainability and key concepts of sustainable development, for example, the Strategic Development Goals framework and triple-bottom-line model.
Contribution to Program Learning Goals (Affected by Module)	§ Professional Competence § Methodological Competence § Social Competence § Self-Competence
Contribution to Program Learning Objectives	Professional Competence § 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 § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence § Written Communication § Oral Communication § Teamwork & Conflict Management § Intercultural Insight & Ability to Change Perspective Self-Competence § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change
Module Learning Objectives	Students... § Students understand key concepts of sustainability. § Students understand how science can contribute to sustainability and in what research and professional contexts transdisciplinary approaches are necessary. § Students reflect on the root causes (e.g., growth paradigm, consumer culture, and inequality) that lead to unsustainability in current economic and private domains and discuss implications & solutions. § Students understand the concept of eco-economic decoupling and its implication for the application of sustainability strategies & the circular economy. § Students understand the concepts of efficiency, sufficiency, and consistency and can relate them to the concept of the circular economy. § Students reflect on and justify their own roles in the context of sustainability.

Module Content	§ Key concepts of sustainability, such as sustainability models, strategies, and concepts of life quality & well-being. § Key concepts of sustainability science, such as inter-/transdisciplinary research and dealing with normative concepts in research. § Root causes of unsustainability (such as the growth paradigm, consumer culture, and inequality) and sustainable development in a global context. § The concept of eco-economic decoupling and its implication for sustainability strategies and the circular economy. § Sustainability strategies of efficiency, sufficiency, and consistency and their relationship to the circular economy.		
Links to other modules	-		
Methods of Instruction	§ Lecture § Interactive Instruction § Case Studies § Exercises § Project Work § Literature Review	Social Settings Used: § Individual Work § Pair Work § Group Work	
Digital Resources	Reader		
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study
Lecture	6 h	-	
Excercise	-	-	
Project Work	-	30 h	
Seminar	24 h	30 h	
Total	30 h	60 h	
Performance Assessment			
End-of-module exam	Form	Length (min.)	Weighting
-	-	-	-
Permitted Resources	-		
Others			
	Assessment	Length (min.)	Weighting
Written Assignment	Grade	-	50.00 %
Talk/oral presentation	Grade	15	50.00 %
Students are not allowed to revise and resubmit performance assessment tasks.			
Classroom Attendance Requirement	Mandatory Attendance: 70%		
Language of Instruction/Examination	English		
Compulsory Reading	-		
Recommended Reading	-		
Comments	-		