



## Study Plan 2024-2025: Master of Science *Circular Innovation and Sustainability*

Effective from 1<sup>st</sup> August 2024

Code	Module Title	ECTS	Module Type
<b>Module Group: Basics</b>			
MCCf013	Introduction to Circular Economy	3	C
MCCf026	Bridging Technology	6	C*
MCCf036	Bridging Life Sciences	6	C*
MCCf046	Bridging Economics and Management	6	C*
MCCf113	Technological Cycles: Materials and Processes	3	C
MCCf123	Biological Cycles: Natural Resources and Ecosystem Services	3	C
MCCf213	Circular Business Models	3	C
MCCf223	Circular Supply Chain	3	C
MCCf323	Society and Environment	3	C
MCCf413	Research Methods 1: Qualitative Approaches	3	C
MCCf423	Research Methods 2: Quantitative Approaches	3	C
MCCf433	Research Methods 3: Transdisciplinary Approaches	3	C
MCCf443	Impact Assessment	3	C
	<b>Minimum required*</b>	<b>42</b>	
<b>Module Group: Focus</b>			
MCCf133	Pathways to Net Zero GHG Emissions in the Energy and Chemical Sectors	3	CE
MCCf143	Pathways to Net Zero GHG Emissions in the Mobility Sector	3	CE
MCCf153	Pathways to Net Zero GHG Emissions in the Food Sector	3	CE
MCCf163	Circular Cities	3	CE
MCCf173	Circular Use of Materials	3	CE
MCCf233	Social Entrepreneurship	3	CE
MCCf243	Digitalization and Sustainability	3	CE
MCCf313	Society and Technology	3	CE
MCCf333	The Circular Economy in a Spatial Context	3	CE
MCCf343	Corporate Social Responsibility	3	CE
MCCf363	Reporting	3	CE
MCCf453	Circular Design	3	CE
	<b>Minimum required</b>	<b>24</b>	
<b>Module Group: Expansion</b>			
MCCf186	Expansion of Personal Competences: Products and Processes	6	C
MCCf256	Expansion of Personal Competences: Business Models	6	C
MCCf356	Expansion of Personal Competences: Inter- and Transdisciplinary Project	6	C
	<b>Minimum required</b>	<b>18</b>	
<b>Module Group: Optional</b>			
	Optional Modules**		O
<b>All Groups</b>	<b>Minimum required</b>	<b>90</b>	
Thesis	Master's Thesis	<b>30</b>	
<b>Overall</b>	<b>Minimum required for the MSc CIS degree</b>	<b>120</b>	



\* 12 ECTS credits (no more, no less) must be earned from Bridging Modules, as follows:

- MCCf026 Bridging Technology: this module is compulsory for all students with a disciplinary background in life sciences or economics;
- MCCf036 Bridging Life Sciences: this module is compulsory for all students with a disciplinary background in technology or economics;
- MCCf046 Bridging Economics and Management: this module is compulsory for all students with a disciplinary background in technology or life sciences.

\*\* A maximum of 6 ECTS credits may be earned from [BFH Diagonal Modules](#) or any [BFH Master level Modules](#) (subject to acceptance).

### **Module Type**

**C Compulsory**

*Compulsory modules are modules which must be taken and completed to graduate.*

**CE Compulsory-Elective**

*Compulsory-elective modules are modules which must be selected from the Focus module group. If a selected compulsory-elective module is not completed, it can be replaced by another compulsory-elective Focus module.*

**O Optional**

*Optional modules are modules which may be selected from an extended group of modules.*