

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Global Challenges for Sustainability as a Master's with 1 major with the degree "" (120 ECTS credits)

Responsible: Faculty of Biology

Examination regulations version: 2025

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions for the modules in this SFB: Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures: Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

ASPO2015

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

12-Feb-2025 (2025-6)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Abbreviation	Module title						
	ECTS		Duration	(in semesters)	Method of grading		Module level
	Courses		To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y				
	Method of assessment						
	Only after successful completion of		if applicable				
	Other prerequisites		if applicable				
	Participants and allocation of places		if applicable				
	Additional information		if applicable				
	Referred to in LPO I		if applicable (examination regulations for teaching-degree programmes)				

Compulsory Courses (60 ECTS credits)								
Subfield 1 "Preparatory Phase" (30 ECTS credits)								
07-MGCS-SI-252-m01	Social Innovation							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
07-MGCS-S-252-m01	Sustainability							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
07-MGCS-TR-252-m01	Transdisciplinary Research							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
Subfield 2 "Internship Phase" (30 ECTS credits)								
07-MGCS-IPM-252-m01	Internship Preparation Module							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					

07-MGCS-I-252-m01	Internship							
	ECTS	20	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	P (15) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						
07-MG-CS-CPM-252-m01	Capstone Preparation Module							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						
Compulsory Electives “Flexible Phase” (30 ECTS credits)								
Sub field 1 „Water“ (30 ECTS credits)								
07-MGCS-W-EX-252-m01	Extremes in the Water Cycle and Their Complex Consequences							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (4) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						
07-MGCS-W-AD-252-m01	Adaptation Measures and Strategies in Water Management							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (4) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						

07-MGCS-W-RC-252-m01	Resilient Cities: Water in Urban Environments							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
Sub field 2 „Life and Health“ (30 ECTS credits)								
07-MGCS-LH-RE-252-m01	Life and Health - Research on Health Challenges & Solutions							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
07-MGCS-LH-DE-252-m01	Life and Health - designing policies for health and wellbeing							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
07-MGCS-LH-BE-252-m01	Life and Health - behavior interventions for healthy lives and wellbeing							
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					

Sub field 3 „Food“ (30 ECTS credits)								
07-MGCS-F-FHE-252-m01	The Food-Health-Environment Nexus							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (4) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						
07-MGCS-F-FSA-252-m01	Food System Assessment							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (4) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						
07-MGCS-F-FST-252-m01	Food System Transformation							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (4) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						
Sub field 4 „Energy & Sustainable Cities“ (30 ECTS credits)								
07-MGCS-E-ET-252-m01	Energy, Emerging Technologies & Smart Cities							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (4) Module taught in: English						
	Method of assessment	Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English						

07-MGCS-E-SU-252-m01	Sustainable Urban Planning, Resource Management & Resilience							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
07-MGCS-E-PO-252-m01	Policy, Climate Change & The Future of Sustainable Cities							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (4) Module taught in: English					
	Method of assessment		Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes) Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate. Language of assessment: English					
Thesis "Capstone Phase" (30 ECTS credits)								
07-MGCS-CP-252-m01	Capstone Project							
	ECTS	30	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		No courses assigned to module Module taught in: English					
	Method of assessment		Thesis (approx. 60 pages) Language of assessment: English					
	Additional Information		Time to complete: 6 months.					