

Study and examination regulations for the master's degree programme

Climate Change Management at Weihenstephan-Triesdorf University of Applied Sciences

(SPO-M-CC)

**dated 28 September 2020
amended by the statutes of 21 July 2022**

On the basis of Article 13(1)(2)(2), Article 58(1)(1), Article 61(2)(1) of the Bavarian Higher Education Act (*Bayerisches Hochschulgesetz, BayHSchG*) of 23 May 2006 (Bavarian Government Gazette (GVBl) p. 245, Bavarian State Law 2210-1-1-WFK), last amended by Section 1 paragraph 186 of the Regulation of 26 March 2019 (GVBl p. 98), the Weihenstephan-Triesdorf University of Applied Sciences adopts the following statutes:

Preamble

¹The master's degree programme in Climate Change Management, which is taught in English and run jointly by the Department of Landscape Architecture, the Department of Forestry and the Department of Sustainable Agriculture and Energy Systems, has the objective of imparting specific technical and management expertise in the field of climate change, climate protection and adapting to climate change. ²Graduates of the course shall acquire the ability to develop concepts for protecting the climate and adapting to climate change at different scales within the landscape. ³By way of derogation from sentence 1, compulsory elective modules may also be taken in German, as long as the student's German language skills are sufficient (level B2 or higher).

³The master's degree programme in Climate Change Management supplements and enhances the national and international bachelor's degree programmes offered in the field of land use, such as Landscape Architecture, Engineering in Forestry, Agriculture and comparable degree programmes.

Section 1

Objective of the study programme

- (1) ¹The master's degree programme in Climate Change Management aims to provide students with an academic education through practice-oriented instruction that rests upon a foundation of scientific knowledge and methods. ²Graduates should gain the qualifications necessary to pursue independent, high-level careers in national and international consulting firms, authorities, development organisations and research institutes. ³In addition, students should acquire the skills required to plan, carry out

and assess research and development projects. ⁴As a result, the degree is both an occupational and research qualification.

- (2) ¹The study programme includes scientific and application-oriented content, with a particular focus on responding to the needs encountered in practical scenarios. ²To achieve this aim, in addition to building on and expanding the fundamental knowledge gained during the bachelor's degree, this course tackles application-related tasks that arise in practical working environments. ³In particular, emphasis is placed on the independent recognition of issues and the development of solutions. ⁴This takes place within the context of project work, among other assignments. ⁵The structure of the study programme and the range of modules offered ensures an interdisciplinary approach and practical relevance. ⁶Besides specialised knowledge, students gain additional management and language skills in the required elective modules.
- (3) ¹The skills obtained will allow graduates to successfully take up leadership and management positions in a variety of organisations (see list of potential organisations for internships) in Germany and abroad.

Section 2

Standard study period, structure of the study programme

- (1) ¹As a full-time course, the study programme takes up a standard study period of three theoretical semesters, including a master's thesis.
- (2) ¹The study programme may only be commenced in the winter semester. ²The University structures the modules in such a way that it can guarantee that the study programme can be completed within the standard study period.

Section 3

Admission requirements

- (1) ¹In order to be accepted onto the master's degree course, students must meet the following qualification requirements:
1. ¹To qualify for the master's degree in Climate Change Management, students must have completed an undergraduate course of study in a German or overseas university that amounts to at least 210 ECTS points and is in the field of land use, environmental and earth sciences, such as landscape architecture, agriculture, forestry and associated courses of study, or must have completed a course that is equivalent to an undergraduate degree of this type. ²The equivalence of the course of study shall be decided upon by the Examining Committee pursuant to Article 63(1) BayHSchG.
 2. ¹The degree programme is delivered in English, so applicants will need to provide evidence of their proficiency in English at level B2 of the Council of Europe's Common European Framework of Reference for languages. ²The following certificates are accepted as proof of language proficiency:
 - » UNlcert[®] II (level B2 GER)
 - » TOEFL: Test of English as a Foreign Language

Level: Internet-based test, 72 - 94 points

- » TOEIC: Test of English for International Communication

Level: Listening, 400 - 485 points; Reading, 450 points

- » IELTS: International English Testing System

Level: IELTS Academic min. 5.5 – 6.5 points

- » TELC English

Level: B2 School, Business or Technical

- » ESOL Cambridge University: English for Speakers of Other Languages

Level:

- Cambridge English: First (FCE)
- Certificate in English Language Skills: Vantage
- Cambridge English: Business Vantage

- » CET: College English Test

Level: Band 6

- » Pearson PTE Academic: min. 59 points

- » UNlcert® II (level B2 GER)

³Proof is provided by submitting the respective certificate, grade report or other evidence (e.g. higher education entrance qualification in the relevant language) that is equivalent to those other forms already mentioned. ⁴The Examining Committee of the University's Language Centre will decide on the equivalence of any other evidence provided. ⁵Applicants whose native language in their home country is English or who have attended an English-language school for six years do not need to provide additional proof of their level of English.

3. ¹All applicants who have not obtained their entrance qualification from a German-speaking institution must provide evidence of sufficient German language skills in order to take up this course of study. ²This evidence may take the form of a certificate or comparable confirmation that corresponds to language level A1 (or higher) of the Common European Framework of Reference for Languages. ³The Examining Committee of the University's Language Centre will decide on the comparability of the evidence provided. ⁴If evidence cannot be provided by the start of the study programme, enrolment shall be conditional upon language level A1 being attained and verified during the course of study.

Section 4

Evidence of missing EC

- (1) ¹Should applicants submit a university degree certificate as proof of their fulfilment of the entry requirements for which fewer than 210 EC but at least 180 EC were awarded, or which has been deemed equivalent to this number of EC, the missing EC must be evidenced in order to pass the master's examination. ²Should the applicant possess a suitable qualification, deviation from this

requirement is permitted in individual cases even if completion of the master's study programme would not amount to 300 EC; the Examining Committee shall decide whether the qualification requirements have been met.

- (2) ¹In the case of missing EC due to lack of a suitable qualification (paragraph 1, sentence 2), which must be evidenced by no later than the start of the third semester, evidence of this requirement may be submitted to the Examining Committee in the form of additional relevant professional experience or participation in relevant university teaching events. ²Evidence may only be provided once for each variant. ³The following conditions apply to the evidence provided:

1. Internship

¹Successful completion of a relevant internship that covers a continuous period of normally at least 18 weeks. ²The specific details of the internship are governed by the provisions set out in the annex and in the study plan. ³The Examining Committee will decide on the relevance and successful completion of any internship.

2. Relevant professional experience:

¹Two years of relevant professional experience is equivalent to up to 30 EC. ²The professional experience must be relevant and subject specific. ³The activities and subject matter of the profession must correspond to the attained or anticipated university degree. ²Decisions on professional experience and its relevance and suitability shall be made by the Examining Committee.

3. Relevant university modules:

¹The Examining Committee shall define which modules from the courses offered by the fundamental study programmes of HSWT must be successfully completed in accordance with the provisions of the applicable study and examination regulations for the module in question. ²The basic regulations for the conduct of examinations (RaPO) shall apply to repeated tests.

Section 5 Exam scoring

In order to facilitate differentiated assessment of individual exam performances, examiners use whole number grades as well as grades increased or reduced by 0.3; grades 0.7, 4.3, 4.7 and 5.3 are not used.

Section 6 Master's thesis

- (1) ¹The Master's thesis is an individual piece of scientific work. ²Students will have 6 months to complete their Master's thesis.
- (2) ¹In order to be permitted to commence work on a Master's thesis, students must have obtained a total of 30 EC from the semesters of theoretical study. ²Thesis topics are issued by a university member authorised to act as an examiner from one

of the departments supporting the degree programme or, subject to a separate decision by the Examining Committee, from another department at HSWT. ³The Master's thesis is assessed by two examiners. ⁴The Master's thesis may be produced in Germany or abroad. ⁵The Master's thesis must be written in English. ⁶The Master's thesis may be produced in a different language with the approval of the examiner and the second examiner.

- (3) ¹Students shall present their master's thesis in a colloquium lasting 45 minutes. ²The presentation shall be attended by the responsible examiners, who may ask follow-up questions. ³ The colloquium shall be taken into consideration according to the quota specified in the appendix when evaluating the Master's thesis.

Section 7 Examining Committee

¹The Department Council of the Department of Landscape Architecture shall establish an Examining Committee for the master's degree programme whose members shall be professors involved in the study programme. ²The Committee shall consist of the chairperson and two further members. ³The departments involved in the study programme shall be represented in the Examining Committee.

Section 8 Master's examination certificate

¹Upon successful completion of the master's examination, the student shall receive a certificate corresponding to the sample shown in the annex to the General Examination Regulations of Weihenstephan-Triesdorf University of Applied Sciences. ²A master's examination certificate in English shall also be issued.

Section 9 Academic title

¹Upon successful completion of the master's examination, the academic title 'Master of Science', abbreviated to 'M.Sc.', shall be awarded and a master's degree certificate corresponding to the sample shown in the annex to the General Examination Regulations of Weihenstephan-Triesdorf University of Applied Sciences shall be issued. ²An English translation and a diploma supplement shall be enclosed with the degree certificate. The diploma supplement describes the main subject matter of the degree, the course schedule and the qualification obtained upon successful completion.

Section 10 Entry into force

- (1) ¹The first version of the study and examination regulations entered into force on 1 October 2020. ²The entry into force of the amendments can be found in the respective amendment statutes.

Annex to the study and examination regulations for the master's programme Climate Change Management at Weihenstephan-Triesdorf University of Applied Sciences (SPO-M-CC) as amended on 21 July 2022

Overview of the modules and examinations

First theoretical study semester										
1	2	3	4	5	6	7	8	9	10	11
Modules					Examinations				Grade calculations	
No./Code	Module description	Type / format	SWS	EC	T.Nr./T.Code	P Art	P Min.	P Vor.	W. M-Note	W. G-Note
356201010	Climate Change	SU, S	4	5		sP	90			1
356201020	Digital Tools	SU, Ü	4	5		StA	10-14 w			1
356221030	Soil & Water Resources and Climate Change	SU, Ü	4	5		StA	10-14 w			1
356201040	Statistics & Dendroecology	SU, Ü	4	4		StA	10-14 w			1
356221050	Project 1 - Data Competence for Climate Change Management	PS	4	5		StA	10-14 w			1
356221800	Electives*	SU, Ü, P, S	4	6		sP/ mP/ StA/ Koll/ PA	90/ 15-45/ 10-14 w/ 10-20/ 10-14 w			1
Summen			24	30						6

*See study plan for options

Second theoretical study semester										
1	2	3	4	5	6	7	8	9	10	11
Modules					Examinations				Grade calculations	
No./Code	Module description	Type / format	SWS	EC	T.Nr./T.Code	P Art	P Min.	P Vor.	W. M-Note	W. G-Note
356222010	Mitigation and Adaptation in Forests and Agriculture	SU, Ü	4	5		sP	90			1
356222020	Biological Sinks & Technical Solutions	SU, P, S	4	5		StA	10-14 w			1
356222030	Landscape & Landuse Planning; Governance, Law & Economics	SU, Ü	4	5		StA	10-14 w			1
356202040	Project 2 - Planning Solutions	PS	8	10		StA	10-14 w			2
356222050	Biodiversity & Global Ecosystems	S	4	5		StA mit Präs	10-14 w/ 10-20			1
Sums			24	30						6

Annex to the study and examination regulations for the master's programme Climate Change Management at Weihenstephan-Triesdorf University of Applied Sciences (SPO-M-CC) as amended on 21 July 2022

Overview of the modules and examinations

Practical study semester, if required according to Section 4(2), 4 th sentence, No. 1										
1	2	3	4	5	6	7	8	9	10	11
Modules					Examinations				Grade calculations	
No./Code	Module description	Type / format	SWS	EC	T.Nr./T.Code	P Art	P Min.	P Vor.	W. M-Note	W. G-Note
356223010	Internship (Practical Placement)	P		25		StA	10-14 w			0
356223020	Accompanying Course	SU, S	2	5	356223021 356223000	StA Koll	10-14 w 15-45			0
Sums			2	30						0

Third theoretical study semester										
1	2	3	4	5	6	7	8	9	10	11
Modules					Examinations				Grade calculations	
No./Code	Module description	Type / format	SWS	EC	T.Nr./T.Code	P Art	P Min.	P Vor.	W. M-Note	W. G-Note
356223000	Master's Thesis (Thesis) (Defence Colloquium)	S		(27) (3)	356223001 356223002	Thesis Koll	6 Monate 45		0,9 0,1	5
Sums			0	30						5

Overview of the modules and examinations

Degree Programme - all semesters					
No.	Description	Semester type	SWS	EC	Divisor ¹⁾
1 st	Study semester	theoretical	24	30	6
2 nd	Study semester	theoretical	24	30	6
3 rd	Study semester	practical	2	30	0
4 th	Study semester	theoretical	0	30	5
Sums			50	120	17

¹⁾ Divisor for the calculation of the overall grade

Notes/abbreviations:

Column

- 1 Number, module code
- 2 Description, module name
- 3 Type of class/teaching formats in the module: SU = seminar-based tuition, P = internship, Ü = tutorial, S = seminar, PS = project work or project seminar
- 4 Weekly hours per semester = contact hours = programme of study
- 5 ECTS credits, student workload, 1 EC = 30 hours of study
- 6 Number, assignment code
- 7 Examination type: sP = written examination, mP = oral examination, StA = student research project, PA = project work, Koll = colloquium
- 8 Duration of examination in minutes
- 9 P Vor. = admission requirements for the examination; N = evidence to be submitted if examination is passed, see the study plan for more information;
Simplified assessment in accordance with Section 6 Paragraph 3 Sentence 1 of the general examination regulations (APO);
the admission requirements may also include the successful completion of a compulsory or required elective module;
- 10 Weighting (W) for the calculation of the final module grade (M-Note)
- 11 Weighting (W) of the final module grade for the calculation of the overall examination grade (G-Note); in required elective modules, each 3 EC: score 1