

**Study and Examination Regulations
for the Master's Degree Program in Sustainable Water Management and
Engineering
at Hof University of Applied Sciences
(Study and Examination Regulations Sustainable Water Management and
Engineering – SPO-SWM)**

From 2nd November 2023

Only the German version of this document is legally binding.

This English translation is for your convenience only.

Based on the first sentence of Article 9 and the second sentence of Article 90 (1) of the Bavarian Higher Education Innovation Act (BayHIG) of 5th August 2022 (GVBl. P. 414; BayRS 2210-1-3-WK) Hof University of Applied Sciences adopts the following statutes:

§ 1

Purpose of these Study and Examination Regulations

These statutes specify the requirements for access to the Master's degree program in Sustainable Water Management and Engineering and contains regulations for the study and examinations in this program.

§ 2

Study Objective

¹ The aim of the Master's program is to prepare students for demanding specialist and managerial tasks in public administration, politics and policy consulting, NGOs as well as national and global companies. ² The degree program provides an in-depth and practice-oriented engineering qualification in the field of water management and water engineering, which is geared to the demands of globalisation, sustainability and resilience as well as climate change. ³ In addition, students acquire the management skills required for the tasks referred to in sentence 1.

§ 3

Academic Degree

Based on the final examination being passed, Hof University of Applied Sciences grants the degree of a Master of Engineering (M.Eng.).

§ 4

Specific Admission Requirements

(1) The specific admission requirement is the completion of a university degree with a total examination grade in accordance with paragraph 2 in an engineering or natural sciences degree program, which has led to the acquisition of at least 210 credit points and has provided sufficient water engineering and chemical basic knowledge for studying in the master's program.

(2) The university degree referred to in paragraph 1 must have been completed at least with the total examination grade 2.5 or an equivalent grade. ²A grade shall be considered equivalent if this or a better grade has been awarded to not more than 50 % of those who completed the relevant degree program in the same year as the applicant.

(3) A sufficient basic knowledge within the meaning of subsection (1) exists if at least essentially those competences have been acquired which form the learning objectives of Modules 32443 (Water and Wastewater Treatment) and 32444 (Principles of Chemistry). ²The application documents must be accompanied by the descriptions of the modules completed in this respect. ³The requirement is deemed to be fulfilled if the lacking competences are acquired not later than one year after the commencement of the studies by completing the corresponding modules in accordance with the study and examination regulations for the Bachelor's degree program in Engineering Sciences (Ingenieurwissenschaften).

(4) The minimum number of 210 credit points referred to in subsection (1) sentence 1 is deemed to have been achieved if the degree program referred to therein had an amount of 180 credit points and the students concerned acquire an additional 30 credit points within one year after the commencement of their studies at the latest. ²For this purpose, they must complete six compulsory modules from the Bachelor's degree program in Engineering Sciences specified by the Examination Board, which may include, if necessary, the modules required pursuant to paragraph 3, sentence 3. ³The Examination Board will ensure that these modules appropriately extend the individual entrance qualifications with regard to the study objective of the Master's degree program.

(5) ¹For applicants who have not completed a practical semester or similar practical study phases within the scope of their studies serving to meet the admission requirement pursuant to paragraph 1, the minimum number of 210 credit points referred to in paragraph 1 is also deemed to have been achieved if they complete the module regulated in the following table and the following sentences no later than one year after the commencement of their studies.

Module	Type of Course	Examination	Examination prerequisite	Credit points
Internship	Internship	Internship report	Proof of participation	30

²The internship serves to achieve experiences in professional daily business. ³It shall take place in a company, a public institution or a research institution, it shall correspond to the degree referred to in paragraph 1 in terms of subject focus, significance and difficulty and in the amount of 900 hours it shall be devoted to an activity related to the study objective of the Master's program. ⁴Compliance with these requirements shall be substantiated by proof of participation of the institution referred to in sentence 3, which describes the subject of the practical activity in the manner necessary for this

purpose.⁵The internship report is not graded, but is rated with the predicates “passed with success” or “not passed”.⁶The Examination Board decides whether the conditions set out in sentence 1 are met.⁷If students concerned already have to complete modules on the basis of paragraph 3, the duration of the internship and the number of credit points to be earned with the internship will be reduced to the extent of the credit points to be obtained pursuant to the third sentence of paragraph 3.

(6) ¹Modules pursuant to subsection (3) sentence 3 and subsection (4) sentence 2 may only be completed by recognition of competences, insofar as they have not been acquired in a module that was necessary for the completion of the degree program serving to meet the admission requirement pursuant to subsection (1); the general recognition requirements remain unaffected.²If examinations for completing the modules referred to in sentence 1 are not passed they may be repeated up to twice, without prejudice to the period referred to in subsection (3) sentence 3 and subsection (4) sentence 2; second repetitions in such modules are not counted towards the maximum number of possible second re-examinations in the Master’s program.³Final grades of the modules referred to in sentence 1 are not counted in the total examination grade of the master examination.

§ 5

Degree Program Structure

¹The standard period of study is three semesters.² The regular study plan is described in the module handbook.

§ 6

Credit Points, Modules

(1) For obtaining the master's degree, 90 credit points must be acquired.²Of which 84 credit points are allocated to compulsory modules.³Further 6 credit points are to be obtained by completing an compulsory elective module.

(2) The modules required to pass the final examination are specified in the annex and in the following paragraphs.²More detailed regulations are made in the module handbook.

§ 7

Compulsory Elective Module

¹The compulsory elective module (Elective) serves to broaden and deepen competences in a sub-area of water management or water engineering with particular relevance or to acquire intercultural competences.²The modules to be selected in the respective semester will be announced in the module handbook and regulated in detail.

§ 8

Foreign Language Modules

(1) It is deemed to be equivalent with the completion of an compulsory elective module in accordance with Section 7, if modules are completed in accordance with the study and examination regulations for courses of the Centre for Languages and Intercultural Competence or the study and examination regulations for the study-related training for the acquisition of the foreign language certificate UNICert®, which comprise a total of at least six credit points and meet the requirements of the following paragraphs.

(2) ¹Students who have neither obtained their university entrance qualification nor a university or equivalent degree in German may choose modules to learn the German language above level A1, provided that they do not already have German skills that form the learning objective of the respective module. ²In this case, they can choose modules that build directly on their respective previous knowledge.

(3) ¹Students who have obtained their university entrance qualification or a university or equivalent degree in German may choose modules to learn other languages above level B1. ²As far as modules for foreign language education in English are concerned, the aforementioned level is replaced by level B2. ³Sentences 1 and 2 do not apply if students already have knowledge that are equivalent to the learning objective of the respective module. ³In this case, they can choose modules that build directly on their respective previous knowledge.

(4) The individual language skills must be provided to the Examination Board.

§ 9

Master's Thesis

(1) Students may not begin processing the Master's thesis before having acquired at least 48 credit points by completing modules of the degree program. ²The Master's Thesis basically serves the scientific processing of a specific operational problem or a research task and is therefore to be prepared within the framework of a special related internship. ³On request, the Examination Board may allow the Master's Thesis to be prepared outside of an internship, if the practical relevance of the thesis is nevertheless assured and the topic is suitable for a special theoretical deepening.

(2) ¹Only full-time professors of Hof University of Applied Sciences who are teaching in the Master's program Sustainable Water Management and Engineering or have done so in the last two years prior to their appointment may be appointed as examiners. ²The Examination Board decides on exceptions based on subject-specific criteria.

(3) The processing period is five months.

§ 10

Teaching and Examination Language

The language of instruction and examination is English.

§ 11

Entry into Force, Expiration

¹These statutes shall enter into force on 15th March 2024. ²As regards ongoing examination procedures in the modules affected by the amendments, the regulations of the Study and Examination Regulations for the Master's degree program Sustainable Water Management and Engineering of 29th January 2021 (Official Journal of the University No. 7/2021) shall continue to apply. ³The same applies if students have successfully completed such modules upon the entry into force of these statutes. ⁴Furthermore, the Study and Examination Regulations referred to in sentence 2 shall cease to apply on 15th March 2024.

Issued on the basis of the decision of the Senate of Hof University of Applied Sciences of 25th October 2023 and the approval of the President of the University of 2nd November 2023.

Hof, 2nd November 2023
signed

Prof. Dr. Dr. h. c. Jürgen Lehmann
President

These statutes were laid down in the department Study Affairs Office on 2nd November 2023. The information on the deposition was posted on the website of the university on 2 November 2023. The date of announcement is therefore 2nd November 2023.

Annex (to § 6)

1	2	3	4	5	6	7
Module numbers	Module	Type of Course	SWS	Examinations	Examination prerequisite	Credit points
6014	Applied Sustainability	SU, Ü	4	PfP		6
6015	Risk Management in the Water Sector	SU, Ü	4	SchrP90 and/or StA mit Präs	Where applicable, according to the module handbook	6
6016	Water, Climate and Society	S	2	STA with Pres		3
6004	Advanced water treatment	SU, Pr	4	schrP90	TN Pr	6
6017	Urban Waste Water Cycle	SU, Ü	4	schrP90		6
6018	Integrated Water Resources Management	SU, Ü	4	schrP90 and/or StA mit Präs	Where applicable, according to the module handbook	6
6007	Water Quality and Water Cycle	SU, Pr	4	SchrP90	TN Pr	6
6008	Smart water	SU	4	PfP		6
6019	Sustainability-oriented Innovation and Project Management	SU, Pr	4	PfP		6
6010	New Technologies in the Water Sector	S	2	PfP		3
6020	Elective	according to module handbook	4	SchrP90 and/or StA mit Präs or PfP		6
5601	Master Thesis	PR		AA		30
	Sum		40			90

Explanation of abbreviations:

AA	Final Thesis (Abschlussarbeit)
PfP	Portfolio Examination (Portfolioprüfung)
PR	Internship (Praktikum)
Präs	Presentation (Präsentation)
S	Seminary (Seminar)
schrP	Written Exam (with processing time in minutes)
StA	Study Paper (Studienarbeit)
SU	Lecture or seminar (Seminaristischer Unterricht)
SWS	Semester week hours
TN	Proof of participation (Teilnahmenachweis)
Ü	Exercise (Übung)