Study and Examination Regulations for the Bachelor Degree Program Innovative Textilien (Innovative Textiles) at Hof University of Applied Sciences (Study and Examination Regulations Innovative Textilien – SPO-IN)

from 25 April 2024

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 of the Bavarian Higher Education Innovation Act (BayHIG) of 5 August 2022 (GVBl. p. 414; BayRS 2210-1-3-WK), Hof University of Applied Sciences issues the following statutes:

§ 1
Purpose of these Study and Examination Regulations

These statutes contain regulations for the studies and examinations in the Bachelor degree program Innovative Textilien (Innovative Textiles).

§ 2
Study Objective, Dual Study Program

(1) [1]The degree program qualifies for responsible professional activity as an engineer with a specialization in textile technology. [2]This is achieved through practice-oriented teaching and training based on scientific knowledge and methods. [3]In view of the diversity of textile technologies and career opportunities, comprehensive training in the basic subjects shall enable students to familiarize themselves with the numerous areas of application in the core phase. [4]Therefore, the curriculum is characterized by an intensive teaching of engineering principles and their deepening in the areas of textile technologies, textile chemistry and in particular technical textiles.

(2) [1]In addition to professional skills, students should acquire social, methodological and international competencies to promote personality development and teamwork skills. [2]Therefore, the training content and the training style are not least committed to these goals. [3]The engineering sciences with a focus on textile technologies are a highly export-intensive economic sector. [4]Studies and internships abroad are therefore particularly supported. [5]These are intended to prepare students to prove themselves within internationally active companies.

(3) [1]With the Bachelor examination, students acquire after seven semesters of study an

application-oriented, academically sound and professionally qualifying university degree. [2]The bachelor thesis confirms the ability to work independently and professionally with a methodological scientific approach. [3]The degree program directly enables to take up qualified specialist and management positions in industry, service companies and institutions.

(4) [1]The degree program can be combined with additional, particularly intensive practical phases (“Studium mit vertiefter Praxis”/ study with in-depth practice) or a relevant vocational training (“ausbildungsintegrierendes Verbundstudium”/ study program combining vocational training) (dual study program). [2]In this way, dual students partially reach the study goal in a different route and supplement the qualification proven with the bachelor degree with additional professional competences.

§ 3
Academic degree

Based on the successful completion of the Bachelor examination, Hof University of Applied Sciences awards the degree "Bachelor of Engineering (B. Eng.)".

§ 4
Program Structure

[1]The standard period of study is seven semesters. [2]The following table shows the basic structure of the degree program.

Study phase	**Period**
Orientation phase	1st and 2nd semester of study
Core phase	3rd to 6th semester of study
Practical phase	7th semester of study

[3]The fifth semester of study is intended as a mobility window for a study period abroad. [4]The standard study plan can be found in the module handbook.

§ 5
Modules

(1) The degree program comprises modules totaling 210 credit points.

(2) [1]The compulsory and compulsory elective modules, the language of instruction and examination, the type and scope of the courses, the examinations and examination prerequisites to be taken and the credits earned with the completion of each module are set out in Annex 1. [2]More

detailed regulations are provided in the module handbook.

(3) [1]Different regulations for students of the dual study program can be found in Annex 2. [2]Section 2 sentence 2 applies accordingly.

§ 6
Compulsory Elective Modules

(1) [1]Subject-related compulsory elective modules (FWPM/Electives) serve to broaden and deepen competencies in selected sub-areas of textile engineering of relevance. [2]The FWPM offered by the Engineering Department in the respective semester are announced and regulated in detail in the module handbook.

(2) Instead of one of the two FWPMs, depending on the availability of appropriate courses and in accordance with the "Study and Examination Regulations for Courses of the Center 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®" modules can be completed, which comprise a total of at least five credit points.

§ 7
Practical Semester with Practical Research Project and Bachelor Thesis

(1) [1]The practical semester comprises two practical modules which are both combined in one internship. [2]During the internship, students work on specific operational problems or research tasks and thus prepare a practical research project and the bachelor thesis. [3]The processing period for the completion of the bachelor thesis is three months.

(2) [1]The internship covers a continuous period of time of at least 20 weeks with the usual working hours of full-time employees. [2]The completion of the internship must be proven by a record of participation from the company, which meets the requirements of the university.

(3) For students in the dual study program, the practical semester is carried out in close cooperation with the practical partner.

(4) [1]In substantiated exceptional cases, the examination committee may allow the bachelor thesis to be written unrelated to the internship or the internship to be completed in a non-consistent manner if the achievement of the learning objectives of the practical semester is nevertheless ensured. [2]It may provide its decision with appropriate provisions on the organization of the internship or on the subject of the bachelor thesis.

(5) More details are provided in the module handbook.

§ 8
Admission Requirements for Modules

(1) Students who have not yet acquired at least 45 credit points in the modules of the orientation phase are not permitted to participate in courses and examinations of modules in the following study phases until they have fulfilled this admission requirement.

(2) Participation in the internship and the examinations of the modules of the practical phase requires the successful completion of all modules of the orientation phase and the acquisition of at least 105 credit points in the modules of the core phase.

§ 9
Third Re-examinations

[1]In each module of the orientation phase and the core phase, students are entitled to a third re-examination, which is always carried out in the form of an oral examination with an examination duration of 30 minutes. [2]Students choose the module in which they wish to make use of this regulation by registering for a third re-examination to complete the respective module. [3]The third re-examination must be taken within 12 months of the announcement of the results of the previous re-examination.

§ 10
Entry into Force, Expiry

(1) [1]These statutes enter into force on October 1, 2024. [2]The study and examination regulations for the Bachelor degree program “Innovative Textilien” at Hof University of Applied Sciences dated August 4, 2022 (Official Journal of the University of Applied Sciences No. 20/2022) expire at the same time.

(2) [1]These regulations apply to all students who have enrolled or will enroll in the Bachelor degree program “Innovative Textilien” after the summer semester 2022. [2]If students have already actually or legally taken an examination in one of the modules affected by the changes in these regulations before October 1, 2024, they will continue to be subject to the previous regulations.

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Issued on the basis of the decision of the Senate of Hof University of Applied Sciences of 24 April 2024 and the approval of the President of the University of 25 April 2024.

Hof, 25 April 2024
signed

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

These statutes were laid down in the Student Affairs Office on 25 April 2024. The information about the resignation was posted on the website of the university on 25 April 2024. The date of announcement is therefore 25 April 2024.

Annex 1 (to § 5 Section (1) and (2))

I. Orientation phase

1	2	3	4	5	6	7	8
Module No.	**Module groups and Module names**	**Language**	**Type of course**	**SWS**	**Exam**	**Examination prerequisites**	**Credits**
	Basics for engineers						
0008D	Mathematics for Engineers I (Ingenieurmathematik I)	D	SU, Ü	4	schrP90		5
0009D	Chemistry and Environmental Technology (Chemie und Umwelttechnik)	D	SU, Pr	6	PfP	TN Pr	5
0299E	Computational Science for Practitioners	E	SU, Ü	4	PfP	TN	5
1495D	Basics of Textile Engineering (Grundlagen Textilmaschinenbau)	D	SU, Ü	6	schrP90		5
0010D	Basics of Material Science (Ingenieurwerkstoffe)	D	SU	4	schrP90		5
0007D	Statistics (Statistik)	D	SU	4	schrP90		5
0147D	Basics Project Management (Grundlagen Projektmanagement)	D	SU, Ü, Pr	4	PrjA, schrP90	TN	5
0011D	Introduction to Business Administration (Einführung in die Betriebswirtschaftslehre)	D	SU	4	schrP90		5
	Textile basics						
0189D	Textile Raw Materials (Textile Werkstoffkunde und Rohstoffe)	D	SU, Pr	4	schrP90		5
0191D	Methods of Textile Production (Textile Produktionsverfahren)	D	SU	6	schrP120		5
0263D	Basic Principles of Textile Finishing (Grundlagen der Textilveredelung)	D	SU, Pr	4	schrP90	TN Pr	5
0190D	Testing of Textiles (Prüfung textiler Materialien)	D	SU, Pr	4	schrP90	TN Pr	5
	Sum						**60**

II. Core phase

1	2	3	4	5	6	7	8
Module No.	**Module groups and Module names**	**Language**	**Type of course**	**SWS**	**Exam**	**Examination prerequisites**	**Credits**
	Textile technology						
0193E	Knitting Technology	E	SU, Pr	4	schrP90	TN Pr	5
0194E	Spinning Technology	E	SU, Pr	4	schrP90	TN Pr	5
0200E	Weaving Technology	E	SU, Pr	4	schrP90	TN Pr	5
0201E	Technology of Nonwovens	E	SU, Pr	4	schrP90	TN Pr	5
0199E	Technical Studies for Knitted and Woven Structures	E	SU, Pr	4	schrP120		5
	Textile chemistry						
0017E	Chemistry II	E	SU, Pr	4	schrP90	TN Pr	5
0195E	Analytical Chemistry	E	SU, Pr	4	PfP	TN Pr	5
0209E	Textile Chemistry	E	SU, Pr	4	PfP	TN Pr	5
	Technical Textiles						
0205E	Technical Textiles – Knitted Fabrics	E	SU, Pr	4	schrP90	TN Pr	5
0212E	Technical Textiles – Woven Fabrics	E	SU, Pr	4	schrP90	TN Pr	5
0211E	Textile Composite Materials	E	SU, Pr	4	PfP	TN Pr	5
0213E	Textile Coating and Industrial Fibres	E	SU, Pr	4	schrP90	TN Pr	5
1496E	Customized High-performance Textiles	E	SU	4	StA, schrP90		5
	Textile finishing						
0206E	Advanced Coloration	E	SU, Pr	4	schrP90	TN Pr	5
0208E	Future in Textile Printing	E	SU, Pr	4	schrP90	TN Pr	5
0214E	Textile Finishing	E	SU, Pr	4	schrP90	TN Pr	5
0074E	Modern Methods of Material and Surface Characterization	E	SU, Pr	4	schrP90	TN Pr	5

1	2	3	4	5	6	7	8
Module No.	**Module groups and Module names**	**Language**	**Type of course**	**SWS**	**Exam**	**Examination prerequisites**	**Credits**
	Specialization in engineering						
0015E	Quality Management	E	SU, Pr	4	schrP90	TN Pr	5
1370E	Circular Economy and Sustainable Polymer Engineering	E	SU	4	schrP90		5
1497E	Product Development	E	SU	4	PfP		5
0181E	Business-to-Business Marketing	E	SU	4	StA, Präs		5
	Specialization modules						
0207E	Project Textile	E	SU, Pr	2	StA, Präs		5
0215E	Elective I (FWPM)	E			P		5
0512E	Elective II (FWPM)	E			P		5
	Sum						**120**

III. Practical phase

1	2	3	4	5	6	7	8
Module No.	**Module groups and Module names**	**Language**	**Type of course**	**SWS**	**Exam**	**Examination prerequisites**	**Credits**
0142D/E	Practical research project	D or E	Pr		PrjA	TN (§ 7 section (2))	18
0141D/E	Bachelor thesis	D or E			BA		12
	Sum						**30**

Explanation of abbreviations:

BA Bachelor thesis
D German
E English
P schrP90 or StA or Präs or PfP
PfP Portfolio exam
Pr Internship / Practical lab work
Präs Presentation

PrjA	Project work
schrP	Written exam (with duration in minutes)
StA	Study research project
SU	Seminary lectures
SWS	Semester hours per week
TN	Proof of participation
Ü	Exercise

Annex 2 (to § 5 Section (3))

In the core phase, instead of one of the two FWPMs, the following module must be completed:

1	2		3	4	5	6	7
Module No.	**Module groups and Module names**	**Language**	**Type of course**	**SWS**	**Exam**	**Examination prerequisites**	**Credits**
1493E	Practical Project with a Textile Technology Topic	E	Pr		StA		5

Explanation of abbreviations:

E English
Pr Internship / Practical lab work
StA Study research project
SWS Semester hours per week