Annex 2:
Curriculum
with the type and scope of the Courses in SWS as well as required performances, the type, scope and Design of which can be found in the module descriptions

Module no.	Module name	1st Semester	2nd Semester	3rd Semester (M)	4th Semester (M)	LP
		V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	
Compulsory modules						
MW-MaTM-01	Mathematics for Textile Machinery and High Performance Material Technology • Mathematics for Engineers • Special Topics of Mathematics	2/2/0/2 (5) 2/2/0/2	2/2/0/1 PL (5) 2/2/0/1			**10**
MW-MaTM-02 [1]	Computer Application in Mechanical Engineering	2/2/0/2 PL				**5**
MW-MaTM-03	Engineering Mechanics	2/2/0/2 (5)	2/2/0/1 PL (5)			**10**
MW-MaTM-04	Design Theory/Machine Elements			2/1/0/1 PL		**5**
MW-MaTM-05	Mechanism Technology			2/1/0/1 PL		**5**
MW-MaTM-06	Industrial Management/Basics of Business Administration • Industrial Management • Business Administration	1/1/0/0 PL (2) 1/1/0/0	2/1/0/0 PL (3) 2/1/0/0			**5**
MW-MaTM-07	Textile High-Performance Materials and Testing Technology • Machines and Technologies for High-performance, Functional and Biomedical Fibers • Testing Technology		6/1/3/0 PL 4/1/2/0 2/0/1/0			**10**
MW-MaTM-08	Machines and Technologies for Yarn Structures, especially Composites	2/2/1/0 PL				**6**
MW-MaTM-09	Machines and Technologies for Textile Constructions		3/0/2/0 PVL, PL			**6**
MW-MaTM-10	Processes and Machines of Textile Assembly Technology and Virtual Development of Textile Products • Confectionery Machines and Technologies • Virtual Development of Textile Products	3/1/2/0 PL 2/0/2/0 1/1/0/0				**7**
MW-MaTM-11	Research Internship Textile Machinery			0/0/0/0 1 SWS Project (4)	0/0/0/0 PL 1 SWS Project (4)	**8**
MW-MaTM-12	Research Management in the Textile Industry				2/1/0/0 PL	**5**
Elective modules						

Module no.	Module name	1st Semester	2nd Semester	3rd Semester (M)	4th Semester (M)	LP
		V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	
Selection of 3 out of 12 modules						
MW-MaTM-13	Development of Complex Textile Constructions			0/4/1/0 PL		**6**
MW-MaTM-14	Design and Manufacture of Technical Textiles			2/1/2/0 PL		**6**
MW-MaTM-15	Machines and Technologies for Technical Textiles • Confectioning of Technical Textiles • Technical Textiles			4/0/1/0 PL 2/0/0/0 2/0/1/0		**6**
MW-MaTM-16	Design/Construction of Textile Machines			1/2/1/0 PL		**6**
MW-MaTM-17	Functionalisation and Interface Design			2/0/3/0 PL		**6**
MW-MaTM-18	Fiber-Based Implants and Tissue Engineering			2/0/2/0 PL		**6**
MW-MaTM-19 [2]	Textile Management • Project and Innovation Management • Quality and Environmental Management			2/2/1/0 PL 1/1/0/0 1/1/1/0		**6**
MW-MaTM-20	3D CAE Technology for Fiber-Based Materials			1/2/2/0 PL		**6**
MW-MaTM-21	Machines and Technologies for the Manufacture of Nonwovens, Textile Recycling and Resource Efficiency • Textile Recycling and Resource Efficiency • Manufacture of Nonwovens			4/0/1/0 PL 2/0/0/0 2/0/1/0		**6**
MW-MaTM-22	Textile Machine Testing			2/0/2/0 PVL, PL		**6**
MW-MaTM-23	Textile Finishing			2/0/3/0 PL		**6**
MW-MaTM-24	Fiber-based Biomaterials			2/1/1/0 PL		**6**
Master thesis					19	**19**
Colloquium					1	**1**
LP		**30**	**29**	**32**	**29**	**120**

Annex

V	Lecture
Ü	Exercise
P	Practical course
T	Tutorial
PL	Exam performance(s)
PVL	Preliminary examination(s)
LP	Credit Points - in brackets ( ) pro rata allocation to individual semesters according to Workload
M	Mobility window according to § 6 Paragraph 1 Sentence 3 Study Regulations

[1] Extension in accordance with § 6 para. 6 and § 10 para. 2 Study Regulations for the consecutive Master's degree program in Textile Machinery and High Performance Material Technology dated 24 May 2022 in accordance with the resolution of the Faculty Council dated 19.04.2023 Adjustment in the field Responsible lecturer.

[2] Extension in accordance with § 6 para. 6 and § 10 para. 2 Study Regulations for the consecutive Master's degree program in Textile Machinery and High Performance Material Technology dated 24 May 2022 in accordance with the resolution of the Faculty Council dated 18.10.2023 Adaptation in the field Responsible lecturer.