Master with a focus on coursework	WS			SS			WS			SS		
	L	E	CP	L	E	CP	L	E	CP	L	E	CP
Control Engineering	2	2	4									
Machine Design Process	2	2	5									
Gear and Transmission Technology	2	2	6									
Advanced Finite Element Methods	2	2	5									
Fluid Dynamics	2	2	5									
Minor Research Project						7						
Language Course I, II, III	2	2	2	2	2	2	2	2	2			
High Performance Fibres				2	2	6						
Composites				2	2	6						
Engineering Electives	**0 to 6**			**6 to 12**			**16**					
Internship (12 weeks)							**12**					
Master Thesis												**30**
Sum of Workload	**27 to 33**			**27 to 33**			**30**			**30**		

Students have to select textile related elective courses of at least 12 CP (coloured ones)

Electives - Textile Engineering - coursework

	Lang.	L	E	CP	Term	
Faserstoffe 1 (natural fibres)	G	2	0	3	WS	
Textiltechnik 3 (fabrics, finishing)	G	2	2	6	WS	
Ausgewählte Themen der Textiltechnik	G	2	2	6	WS	
Practical Introduction to FEM Software I	E	1	2	5	WS	
Quality Management	E	2	2	6	WS	
Numerical Methods in Mech. Eng.	E	3	2	7	WS	
Computational Fluid Dynamics II	E	1	1	3	WS	
Fundamentals of Lightweight Design	E	2	1	4	WS	
Factory Planning	E	2	2	6		SS
Reliable Simulation in the Mechanics of Materials and Structures	E	2	2	6		SS
Computational Fluid Dynamics I	E	2	1	4		SS
Technische Textilien (technical textiles)	G	2	2	6		SS
Faserstoffe 2 (synthetic fibres)	G	2	0	3		SS
Textiltechnik 2 (yarns)	G	2	2	6		SS
Modellbildung und Simulation in der Textiltechnik	G	2	2	6		SS
Ausgewählte Themen der Textiltechnik	G	2	2	6		SS
Industrial Logistics	E	2	1	5		SS

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Master with a focus on research	WS			SS			WS			SS		
	L	E	CP	L	E	CP	L	E	CP	L	E	CP
Control Engineering	2	2	4									
Machine Design Process	2	2	5									
Fluid Dynamics	2	2	5									
First Research Project						8						
Language Course I, II, III	2	2	2	2	2	2	2	2	2			
High Performance Fibres				2	2	6						
Composites				2	2	6						
Second Research Project									16			
Engineering Electives	**12 to 16**			**6 to 10**								
Internship (12 weeks)							**12**					
Master Thesis												**30**
Sum of Workload	**28 to 32**			**28 to 32**			**30**			**30**		

Students have to select at least one textile related elective course (coloured ones)

Electives - Textile Engineering - research

	Lang.	L	E	CP	Term	
Practical Introduction to FEM Software I	E	1	2	5	WS	
Quality Management	E	2	2	6	WS	
Numerical Methods in Mech. Eng.	E	3	2	7	WS	
Fundamentals of Lightweight Design	E	2	1	4	WS	
Computational Fluid Dynamics II	E	1	1	3	WS	
Technische Textilien (technical textiles)	G	2	2	6		SS
Faserstoffe 2 (synthetic fibres)	G	2	0	3		SS
Textiltechnik 2 (yarns)	G	2	2	6		SS
Ausgewählte Themen der Textiltechnik	G	2	2	6		SS
Modellbildung und Simulation in der Textiltechnik	G	2	2	6		SS
Computational Fluid Dynamics I	E	2	1	4		SS
Innovation Management	E	2	2	5		SS
Production Metrology	E	2	2	5		SS
Failure of Structures and Structural Elements	E	2	1	5		SS
Finite Element Methods in Lightweight Design	E	2	1	5		SS
Nonlinear Structural Mechanics	E	2	2	5		SS
Boundary-Layer Theory	E	2	1	3		SS

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