Study course plan - overview

Modul-Nr.	Modulname	1st semester	2cd semester	3rd semester (M)	4th semester (M)	CP
		V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	
Mandatory modules						
MW-MaTM-01	Mathematics for Engineers	2/2/0/2 (5)	2/2/0/1 PL (5)			10
MW-MaTM-02	PC applications 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 science/business administration	1/1/0/0 PL (2)	2/1/0/0 PL (3)			5
MW-MaTM-07	High-performance textile materials and testing		6/1/3/0 PL			10
MW-MaTM-08	Machines and technologies for yarn constructions, esp. for 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 for assembly technology and virtual development of textile products	3/1/2/0 PL				7
MW-MaTM-11	Research practical course textile machines			0/0/0/0 1 SWS Project (4)	0/0/0/0 PL 1 SWS Project (4)	8
MW-MaTM-12	Research management in textile industry				2/1/0/0 PL	5
Elective modules (selection of 3 out of 12 modules)				(V/Ü/P/0) 3xPL 3 x (6)		18
Master thesis					19	19
Colloquium					1	1
examination results (CP)		30	29	32	29	120

Curriculum – elective subjects

Modul-Nr.	Module name	1st semester	2cd semester	3rd semester (M)	4th semester (M)	CP
		V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	V/Ü/P/T	
Elective modules (Selection 3 of 12 modules)						total 18
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 of technical textiles			4/0/1/0 PL		6
MW-MaTM-16	Design/construction of textile machines			1/2/1/0 PL		6
MW-MaTM-17	Functionalization and boundary layer 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	Textile Management			2/2/1/0 PL		6
MW-MaTM-20	3D-CAE-Techniques for fiber-based materials			1/2/2/0 PL		6
MW-MaTM-21	Machinery and technologies of nonwovens engineering, textile recycling and resource efficiency			4/0/1/0 PL		6
MW-MaTM-22	Textile Machinery Investigation			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