

Department of Machine Technology

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links																			
								19/20 sp1	19/20 sp2	19/20 sp3	19/20 sp4																
MTEN01	7.5	A	M	X	E1	Project - Mechanical Engineering	KS KE U W T	0	0	0	60	140															
								F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S

Machine Elements

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links																			
								19/20 sp1	19/20 sp2	19/20 sp3	19/20 sp4																
MMEF05	7.5	G2	M , MD	-	S	Transmissions	KS KE U W T	42	28	0	0	130															
MMEN01	7.5	A	M	X	S	Transmissions, Dimensioning	X KS KE U W T		42	14	0	0	140														
MMEF01	5	G2	M , MD	-	S	Tribology	KS KE U W T			28	14	0	0	90													
MMEN05	7.5	A	M	X	S	Transmissions, Dynamics	X KS KE U W T						42	14	0	0	140										
								F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S

[MMEN01](#) (M) Transmissions, Dimensioning: *The course is offered every other academic year and will be given in 2019/20.*

[MMEN05](#) (M) Transmissions, Dynamics: *The course is offered every other academic year and will be given in 2019/20, 2021/22.*

Materials Engineering

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	19/20																	
				S.Ex. stud.					sp1	sp2	sp3	sp4														
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S			
FKMN20	7.5	A	E, K, M, MD, N, MPRR	X	E	Advanced Materials Technology		KS KE U W T			42	14	8	10	70											
FKMN15	7.5	A	M, MD	X	E	Light Materials	X	KS KE U W T	Course on hold																	
FKMA01	7.5	G1	I	X	E	Materials Engineering, Basic Course	X	KS KE U W T								56	14	12	0	120						
FKMA01			E, M, MD													56	14	12	0	120						
FKMN10	7.5	A	M, N, MPRR	X	E	High Temperature Materials	X	KS KE U W T														42	14	20	10	70
FKMA05	6	G1	KID	X	E	Materials		KS KE U W T														30	10	4	0	70
FKMN05	7.5	A	M, N	X	E	Powder Technology	X	KS KE U W T	Course on hold																	

[FKMN15](#) ([M](#), [MD](#)) Light Materials: *The course is offered every other academic year and will next be offered in 2020/21.*

[FKMA01](#) ([I](#)) Materials Engineering, Basic Course: *Compulsory course in the elective block 'Product Innovation' for students admitted autumn 2015. The course is also an optional programme course.*

[FKMN10](#) ([M](#), [N](#), [MPRR](#)) High Temperature Materials: *The course is offered every other academic year and will be given in 2019/20, 2021/22.*

[FKMN05](#) ([M](#)) Powder Technology: *The course is offered every other academic year and will next be offered 2020/21.*

[FKMN05](#) ([N](#)) Powder Technology: *The course is offered every other academic year and will next be offered in 2020/21.*

Mechanics

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	19/20	19/20	19/20	19/20																
				S.Ex. stud.					sp1	sp2	sp3	sp4																
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S					
FMEN21	7.5	A	E, M, Pi	X	E	Continuum Mechanics		KS KE U W T	42	14	0	2	142															
FMEN30	7.5	A	E, M	X	E1	Fatigue		KS KE U W T	42	0	8	0	150															
FMEA20	6	G1	F	-	S	Mechanics - Dynamics		KS KE U W T	42	28	0	0	90															
FMEA30	15	G1	MD	-	S	Engineering Mechanics		KS KE U W T	54	28	12	0	146	42	24	8	4	82										
FMEA30			M						54	28	12	0	146	42	24	8	4	82										
FMEN15	7.5	A	F	X	E	Analytical Mechanics	X	KS KE U W T						42	14	0	0	144										
FMEN11	7.5	A	BME, E, M, Pi	X	E	Mechanical Vibrations		KS KE U W T						42	14	0	0	144										
FMEA05	6	G1	F	-	S	Engineering Mechanics - Statics and Particle Dynamics		KS KE U W T											44	28	0	0	88					
FMEA10	9	G1	I	-	S	Engineering Mechanics, Basic Course		KS KE U W T											46	28	6	1	158					
FMEN02	7.5	A	BME, E, M, Pi	X	E	Multibody Dynamics		KS KE U W T											36	14	0	4	146					
FMEA15	7.5	G1	Pi	-	S	Mechanics - Statics and Dynamics		KS KE U W T											44	28	0	0	88	10	10	0	0	20
FMEN25	7.5	A	M	X	E1	Nano Mechanics and Multiscale Modelling	X	KS KE U W T															42	0	0	8	150	
FMEN25			E, N, Pi				X																42	0	0	8	150	

[FMEN15](#) (E) Analytical Mechanics: *The course is offered every other academic year and will be given in 2019/20, 2021/22.*

[FMEN25](#) (E, M, N, Pi) Nano Mechanics and Multiscale Modelling: *The course is offered every other academic year and will be given in 2019/20, 2021/22.*

Productions and Materials Engineering

Bachelor's Projects of the Department

The list contains the bachelor's projects which are given by the department and which programme each bachelor's project is included in.

Links

Course Code	Credits	Programme	Course Name	Links
FKML01	15	M , N	Bachelor Project in Engineering Materials	KS KE U W
FMEL01	15	E , I , M , Pi	Bachelor Project in Mechanics	KS KE U
MMTL02	15	M	Bachelor Project in Production and Materials Engineering	KS KE U W

Degree Projects of the Department

The list contains the degree projects which are given by the department and which programme each degree project is included in.

Links

Course Code	Credits	Programme	Course Name	Links
MMEM01	30	M	Degree Project in Machine Elements	KS KE U
FKMM01	30	I , M , N	Degree Project in Engineering Materials	KS KE U W
FMEM01	30	E , I , M , Pi	Degree Project in Mechanics for Engineers	KS KE U W
MMTM01	30	I , M	Degree Project in Production and Materials Engineering	KS KE U W