

Machine Elements

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	20/21	20/21	20/21	20/21													
				S.Ex. stud.					sp1	sp2	sp3	sp4													
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S		
MMEF05	7.5	G2	M, MD	-	S	Transmissions		KS KE U W T	42	28	0	0	130												
MMEN01	7.5	A	M	-	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	-	S	Transmissions, Dynamics	X	KS KE U W T													42	14	0	0	140

[MMEN01](#) (M) Transmissions, Dimensioning: *With less than 12 participants, the course may be more project based, i.e. given with reduced teaching and more self studies.*

[MMEN05](#) (M) Transmissions, Dynamics: *With less than 12 participants, the course may be more project based, i.e. given with reduced teaching and more self studies.*

Materials Engineering

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	20/21	20/21	20/21	20/21													
				S.Ex. stud.					sp1	sp2	sp3	sp4													
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S		
FKMN25	7.5	A	M	X	E	Project - Materials Engineering		KS KE U W T	0	0	0	50	150												
FKMN25			M							0	0	0	50	150											
FKMN25			M									0	0	0	50	150									
FKMN25			M																		0	0	0	50	150
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						42	28	12	0	70							
FKMA01	7.5	G1	E, I, M, MD	X	E	Materials Engineering, Basic Course	X	KS KE U W T						56	14	12	0	120							
FKMN10	7.5	A	M, N, MPRR	X	E	High Temperature Materials	X	KS KE U W T	Course on hold																
FKMA05	6	G1	KID	X	E	Materials		KS KE U W T													30	10	8	0	70
FKMN05	7.5	A	M, N, MPRR	X	E	Powder Technology	X	KS KE U W T													42	14	20	10	70

[FKMN15](#) (M, MD) Light Materials: *The course is offered every other academic year and will be given in 2020/21, 2022/23.*

[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 next be offered in 2021/22.*

[FKMN05](#) (M, N, MPRR) Powder Technology: *The course is offered every other academic year and will be given in 2020/21, 2022/23.*

Mechanics

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	20/21	20/21	20/21	20/21																		
				S.Ex. stud.	E				sp1	sp2	sp3	sp4																		
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S		
FMEN21	7.5	A	E, I, 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	0	0	158																	
FMEA20	6	G1	F	-	S	Mechanics - Dynamics		KS KE U W T	34	24	2	4	96																	
FMEN35	7.5	A	E, M, Pi	-	E1	Project - Engineering Mechanics		KS KE U W T	0	0	0	20	180																	
FMEN35			E, M, Pi										0	0	0	20	180													
FMEN35			E, M, Pi															0	0	0	20	180								
FMEN35			E, M, Pi																				0	0	0	20	180			
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	Course on hold																					
FMEN11	7.5	A	BME, E, I, M, Pi	X	E	Mechanical Vibrations		KS KE U W T						42	14	0	0	144												
FMEA35	6	G1	E, Pi	-	S	Engineering Mechanics I		KS KE U W T										36	28	0	0	96								
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								
FMEN25	7.5	A	E, M, MNAV, N, Pi	X	E1	Nano Mechanics and Multiscale Modelling	X	KS KE U W T	Course on hold																					

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

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

Productions and Materials Engineering

[MMTN15](#) (I, M, MD) Project - Production and Materials Engineering: *The course start is decided by the department.*

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
MMTM05	30	MPRR	Degree Project in Production and Materials Engineering	KS KE U W