

Machine Elements

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
MMEF05	7.5	G2	M, MD	-	S	Transmissions		KS KE U W T	1			
MME070	7.5	A	M	X	S	Transmissions, Dimensioning		KS KE U W T		2		
MMEF01	5	G2	M, MD	-	S	Tribology		KS KE U W T			3	
MME080	7.5	A	M	X	S	Transmissions, Dynamics		KS KE U W T				4

Materials Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
FKM090	7.5	A	M	X	S	Fatigue		KS KE U W T	1			
FKMN01	7.5	A	M, MD	X	E1	Polymer Materials		KS KE U W T	1			
FKM070	7.5	A	E, M, MD, N	X	E1	Advanced Materials Technology		KS KE U W T		2		
FKMN15	7.5	A	M, MD	-	E1	Light Materials		KS KE U W T			3	
FKM015	7.5	G1	E, I, M, MD	-	S	Materials Engineering, Basic Course	X	KS KE U W T			3	
FKM065	7.5	A	M	X	E1	Project - Materials Engineering		KS KE U W T			3	
FKMN10	7.5	A	M, N	X	E1	High Temperature Materials	X	KS KE U W T	Course on hold			
FKM050	6	G1	KID	-	S	Materials		KS KE U W T				4

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								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4	
FKMN05	7.5	A	M , N	X	E1	Powder Technology	X	KS KE U W T				4

[FKM015](#) (I) Materials Engineering, Basic Course: *Compulsory course in the elective block 'Industrial Product Design' for students admitted autumn 2010. The course is also an optional programme course.*

[FKMN10](#) (M, N) High Temperature Materials: *The course is offered every other academic year and will next be offered in 2013/14.*

[FKMN05](#) (M, N) Powder Technology: *The course is offered every other academic year and will be given in 2012/13, 2014/15.*

Mechanics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
FMEN20	8	A	E, M, Pi	X	E2	Continuum Mechanics	KS KE U W T	1				
FMEA20	6	G1	E	-	S	Mechanics - Dynamics	KS KE U W T	1				
FMEA30	15	G1	M, MD	-	S	Engineering Mechanics	KS KE U W T	1	2			
FMEN10	8	A	E, M, Pi	X	E2	Mechanical Vibrations	KS KE U W T		2			
FMEA10	9	G1	I	-	S	Engineering Mechanics, Basic Course	KS KE U W T				3	
FMEN01	8	A	E, M	X	E2	Multibody Dynamics	KS KE U W T				3	
FMEA05	6	G1	E	-	S	Engineering Mechanics - Statics and Particle Dynamics	KS KE U W T				3	4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
EMEA15	7.5	G1	Pi	-	S	Mechanics - Statics and Dynamics	KS KE U W T			3	4
EMEN15	7.5	A	E	X	E2	Analytical Mechanics	KS KE U W T				4
EMEN05	7.5	A	M	-	S	Project - Engineering Mechanics	KS KE U W T				4

Productions and Materials Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
MMT125	7.5	A	M, MD	-	S	Applied FEM – project		KS KE U W T	1			
MMT015	7.5	A	M, MD	-	S	Material and Process Selection		KS KE U W T	1			
MMTA05	6	G1	I	-	S	Production Systems		KS KE U W T	1			
MMT031	7.5	A	I, M	-	S	Production Technology		KS KE U W T	1			
MMTN01	7.5	A	I, M, MD	-	S	Project - Production and Materials Engineering	X	KS KE U W T	1			
MMTN01			I, M, MD				X			2		
MMTN01			I, M, MD				X				3	

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
MMTN01			I, M, MD				X					4
MMTA02	6	G1	M, MD	-	S	Introduction to Mechanical Engineering		KS KE U W T	1	2		
MMT045	7.5	A	I, M	-	S	Flexible Manufacturing Systems	X	KS KE U W T		2		
MMT045			I, M				X					4
MMTF01	6	G2	KID	X	E	Production		KS KE U W T		2		
MMT195	7.5	A	M, MD	-	S	Recycling Technology	X	KS KE U W T	Course on hold			
MMT160	7.5	G2	I, M, MD	-	S	Computer Aided Design/Computer Aided Manufacturing		KS KE U W T				4
MMTN05	7.5	A	I, M	-	S	Flexible Manufacturing Systems, Advanced Course		KS KE U W T				4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
MMTF220	7.5	A	M	-	S	Metal Cutting, Advanced Course	KS KE U W T				4
MMT012	7.5	G2	M , MD	-	S	Production and Manufacturing Methods	KS KE U W T				4
MMTF05	5	G2	MID	X	E	Production and Materials	KS KE U W T				4

[MMTN01](#) ([I](#), [M](#), [MD](#)) Project - Production and Materials Engineering: *The course start is decided by the department.*

[MMT045](#) ([I](#)) Flexible Manufacturing Systems: *Compulsory course in the elective block 'Industrial Product Design' for students admitted autumn 2010. The course is also an optional programme course.*

[MMT195](#) ([M](#), [MD](#)) Recycling Technology: *The course is offered every other academic year and will next be offered in 2013/14.*

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
MME820	30	M	Degree Project in Machine Elements for Engineers	KS KE U
FKM820	30	I , M , N	Degree Project in Engineering Materials	KS KE U W
FME820	30	E , I , M	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