

## Machine Elements

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
									sp1	sp2	sp3	sp4
<a href="#">MMEF05</a>	7.5	G2	<a href="#">MD</a>	-	S	Transmissions		<a href="#">KS KE U W T</a>	1			
<a href="#">MMEF05</a>			<a href="#">M</a>						1			
<a href="#">MMEN01</a>	7.5	A	<a href="#">M</a>	-	S	Transmissions, Dimensioning	X	<a href="#">KS KE U W T</a>		2		
<a href="#">MMEF01</a>	5	G2	<a href="#">M, MD</a>	-	S	Tribology		<a href="#">KS KE U W T</a>			3	
<a href="#">MMEN05</a>	7.5	A	<a href="#">M</a>	-	S	Transmissions, Dynamics	X	<a href="#">KS KE U W T</a>				4

[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			
				S.Ex. stud.				20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
<a href="#">FKMN25</a>	7.5	A	<a href="#">M</a>	X	E	Project - Materials Engineering	<a href="#">KS KE U W T</a>	1			
<a href="#">FKMN25</a>			<a href="#">M</a>						2		
<a href="#">FKMN25</a>			<a href="#">M</a>							3	
<a href="#">FKMN25</a>			<a href="#">M</a>								4
<a href="#">FKMN20</a>	7.5	A	<a href="#">E, K, M, MD, N, MPRR</a>	X	E	Advanced Materials Technology	<a href="#">KS KE U W T</a>		2		
<a href="#">FKMN15</a>	7.5	A	<a href="#">M, MD</a>	X	E	Light Materials	X <a href="#">KS KE U W T</a>			3	
<a href="#">FKMA01</a>	7.5	G1	<a href="#">E, I, M, MD</a>	X	E	Materials Engineering, Basic Course	X <a href="#">KS KE U W T</a>			3	
<a href="#">FKMN10</a>	7.5	A	<a href="#">M, N, MPRR</a>	X	E	High Temperature Materials	X <a href="#">KS KE U W T</a>	Course on hold			

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links					
								20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4		
<a href="#">FKMA05</a>	6	G1	<a href="#">KID</a>	X	E	Materials		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	4
<a href="#">FKMN05</a>	7.5	A	<a href="#">M</a> , <a href="#">N</a> , <a href="#">MPRR</a>	X	E	Powder Technology	X	<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	4

[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			
				S.Ex. stud.				20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
<a href="#">EMEN35</a>			<a href="#">E, M</a>								4
<a href="#">EMEA30</a>	15	G1	<a href="#">MD</a>	-	S	Engineering Mechanics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2	
<a href="#">EMEA30</a>			<a href="#">M</a>						1	2	
<a href="#">EMEN15</a>	7.5	A	<a href="#">E</a>	X	E	Analytical Mechanics	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	Course on hold		
<a href="#">EMEN11</a>	7.5	A	<a href="#">BME, E, I, M, Pi</a>	X	E	Mechanical Vibrations		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2	
<a href="#">EMEA35</a>	6	G1	<a href="#">E, Pi</a>	-	S	Engineering Mechanics I		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3
<a href="#">EMEA10</a>	9	G1	<a href="#">I</a>	-	S	Engineering Mechanics, Basic Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3
<a href="#">EMEN02</a>	7.5	A	<a href="#">BME, E, M, Pi</a>	X	E	Multibody Dynamics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3
<a href="#">EMEN25</a>	7.5	A	<a href="#">E, M, MNAV, N, Pi</a>	X	E1	Nano Mechanics and Multiscale Modelling	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	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**

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
<a href="#">MMTN35</a>	7.5	A	<a href="#">M, MD</a>	X	E	Applied FEM - Project		<a href="#">KS KE U W T</a>	1			
<a href="#">MMTN35</a>			<a href="#">MPRR</a>						1	2		
<a href="#">MMTN30</a>	7.5	A	<a href="#">M</a>	X	E	Flexible Manufacturing Systems		<a href="#">KS KE U W T</a>	1			
<a href="#">MMTN30</a>			<a href="#">I, MPRR</a>						1			
<a href="#">MMTA05</a>	6	G1	<a href="#">I</a>	-	S	Production Systems		<a href="#">KS KE U W T</a>	1			
<a href="#">MMTN25</a>	7.5	A	<a href="#">I, M, MD, MPRR</a>	X	E	Production Technology		<a href="#">KS KE U W T</a>	1			
<a href="#">MMTN15</a>	7.5	A	<a href="#">I, M, MD, MPRR</a>	X	E1	Project - Production and Materials Engineering	X	<a href="#">KS KE U W T</a>	1			

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links				
				S.Ex. stud.				20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4	
<a href="#">MMTN15</a>			<a href="#">I</a> , <a href="#">M</a> , <a href="#">MD</a> , <a href="#">MPRR</a>				X		2			
<a href="#">MMTN15</a>			<a href="#">I</a> , <a href="#">M</a> , <a href="#">MD</a> , <a href="#">MPRR</a>				X			3		
<a href="#">MMTN15</a>			<a href="#">I</a> , <a href="#">M</a> , <a href="#">MD</a> , <a href="#">MPRR</a>				X				4	
<a href="#">MMTA02</a>	6	G1	<a href="#">M</a>	-	S	Introduction to Mechanical Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1	2		
<a href="#">MMTF15</a>	7.5	G2	<a href="#">M</a> , <a href="#">MD</a> , <a href="#">MPRR</a>	X	E1	Workshop Practice		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">T</a>	1	2		
<a href="#">MMTF15</a>			<a href="#">M</a> , <a href="#">MD</a> , <a href="#">MPRR</a>								3	4
<a href="#">MMTN10</a>	7.5	A	<a href="#">M</a>	X	E1	International Product Realisation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">T</a>		2		



Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links			
				S.Ex. stud.				20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
<a href="#">MMTN10</a>			<a href="#">I, MPRR</a>						2		
<a href="#">MMTN20</a>	7.5	A	<a href="#">MD</a>	X	E	Material and Process Selection	<a href="#">KS KE U W T</a>		2		
<a href="#">MMTN20</a>			<a href="#">M, MPRR</a>						2		
<a href="#">MMTF01</a>	6	G2	<a href="#">KID</a>	X	E	Production	<a href="#">KS KE U W T</a>		2		
<a href="#">MMTN40</a>	7.5	A	<a href="#">M, MPRR</a>	X	E1	Metal Cutting, Advanced Course	<a href="#">KS KE U W T</a>			3	
<a href="#">MMTN45</a>	7.5	A	<a href="#">I, M, MPRR</a>	X	E	Production Technology 2	<a href="#">KS KE U W T</a>			3	
<a href="#">MMTF25</a>	7.5	G2	<a href="#">BME, I, M, MD, MPRR</a>	X	E1	Computer Aided Design/Computer Aided Manufacturing	<a href="#">KS KE U W T</a>				4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
<a href="#">MMTN05</a>	7.5	A	<a href="#">I</a> , <a href="#">M</a> , <a href="#">MPRR</a>	X	E	Flexible Manufacturing Systems, Advanced Course	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">MMTF20</a>	7.5	G2	<a href="#">M</a> , <a href="#">MD</a>	-	S	Production and Manufacturing Methods	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">MMTF05</a>	5	G2	<a href="#">MID</a>	X	E	Production and Materials	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

[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	<a href="#">M</a> , <a href="#">N</a>	Bachelor Project in Engineering Materials	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
FMEL01	15	<a href="#">E</a> , <a href="#">I</a> , <a href="#">M</a> , <a href="#">Pi</a>	Bachelor Project in Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
MMTL02	15	<a href="#">M</a>	Bachelor Project in Production and Materials Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>

## 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	<a href="#">M</a>	Degree Project in Machine Elements	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
FKMM01	30	<a href="#">I</a> , <a href="#">M</a> , <a href="#">N</a>	Degree Project in Engineering Materials	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
FMEM01	30	<a href="#">E</a> , <a href="#">I</a> , <a href="#">M</a> , <a href="#">Pi</a>	Degree Project in Mechanics for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
MMTM01	30	<a href="#">I</a> , <a href="#">M</a>	Degree Project in Production and Materials Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
MMTM05	30	<a href="#">MPRR</a>	Degree Project in Production and Materials Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>