

# Master's programme in Production and Materials Engineering

## Study Year 1, Academic Year 2020/21 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21			
								sp1	sp2	sp3	sp4
<a href="#">MMTN30</a>	7.5	A	X	E	Flexible Manufacturing Systems		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">MMTN25</a>	7.5	A	X	E	Production Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">FKMN20</a>	7.5	A	X	E	Advanced Materials Technology		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2		
<a href="#">MMTN20</a>	7.5	A	X	E	Material and Process Selection		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2		
<a href="#">MMTN45</a>	7.5	A	X	E	Production Technology 2		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">MMTN05</a>	7.5	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

## Study Year 2, Academic Year 2021/22 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	21/22	21/22	21/22	21/22
								sp1	sp2	sp3	sp4
<a href="#">MMTN35</a>	7.5	A	X	E	Applied FEM - Project		<a href="#">KS KE U W T</a>	1	2		
<a href="#">MTTN85</a>	7.5	A	X	E	Project Management and Research Methodologies in Supply Chain Management		<a href="#">KS KE U T</a>	1	2		

## Elective Courses - MPRR

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links	sp1 sp2 sp3 sp4			
										sp1	sp2	sp3	sp4
<a href="#">EIEN50</a>	7.5	A	1 - 20/21	1	X	E1	Automation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">MMTN40</a>	7.5	A	1 - 20/21	1	X	E1	Metal Cutting, Advanced Course		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">MAMF21</a>	7.5	G2	1 - 20/21	1	-	S	Working Environment, Occupational Health and Safety		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">MMTF25</a>	7.5	G2	1 - 20/21	1	X	E1	Computer Aided Design/Computer Aided Manufacturing		<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	1 - 20/21	1	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
<a href="#">FKMN10</a>	7.5	A	1 - 20/21	1	X	E	High Temperature Materials	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="#">FKMN30</a>	7.5	A	2 - 21/22	1	X	E	Analytical Microscopy and Sample Preparation		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">FRTE20</a>	7.5	G2	2 - 21/22	2	X	E	Applied Robotics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
										sp1	sp2	sp3	sp4
<a href="#">FKMN15</a>	7.5	A	2 - 21/22	1	X	E	Light Materials	X	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">EMEN35</a>	7.5	A	2 - 21/22	1	X	E1	Project - Engineering Mechanics		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">MMTN15</a>	7.5	A	2 - 21/22	1	X	E1	Project - Production and Materials Engineering		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1			
<a href="#">EMIF20</a>	7.5	G2	2 - 21/22	2	X	E	Environmental Issues		<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	2 - 21/22	1	X	E1	Workshop Practice		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">T</a>	1	2		
<a href="#">MTTN75</a>	7.5	A	2 - 21/22	2	X	E	Industrial Purchasing		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2		
<a href="#">MMTN10</a>	7.5	A	2 - 21/22	2	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	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
										sp1	sp2	sp3	sp4
<a href="#">EMEN35</a>	7.5	A	2 - 21/22	1	X	E1	Project - Engineering Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">MMTN15</a>	7.5	A	2 - 21/22	1	X	E1	Project - Production and Materials Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">EMEN35</a>	7.5	A	2 - 21/22	1	X	E1	Project - Engineering Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				3	
<a href="#">MMTN15</a>	7.5	A	2 - 21/22	1	X	E1	Project - Production and Materials Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				3	
<a href="#">MMTF15</a>	7.5	G2	2 - 21/22	1	X	E1	Workshop Practice	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">T</a>			3	4	
<a href="#">EMEN35</a>	7.5	A	2 - 21/22	1	X	E1	Project - Engineering Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4	
<a href="#">MMTN15</a>	7.5	A	2 - 21/22	1	X	E1	Project - Production and Materials Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4	

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

[FKMN10](#) High Temperature Materials: *The course is offered every other academic year and will next be offered in 2021/22.*

[FKMN15](#) Light Materials: *The course is offered every other academic year and will be given in 2021/22, 2023/24.*

## Degree Projects - MPRR

The list contains the degree project courses that are included in the MPRR programme.

### Links

Course Code	Credits	Course Name	Links
MMTM05	30	Degree Project in Production and Materials Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>