

MTM Summer Semester 2022

Technical Modules	Professionalization		Business Modules	
<p style="text-align: center;">Introductory Futures Studies for Engineers**</p> <p style="text-align: center;">4 SWS – 5 ECTS K.C. Keller</p>	<p style="text-align: center;">Communication & Culture**</p> <p style="text-align: center;">4 SWS – 5 ECTS Prof. M Krüger-Basener</p>	<p style="text-align: center;">Introduction to Data Sciences**</p> <p style="text-align: center;">4 SWS – 5 ECTS A. Wings</p>	<p style="text-align: center;">Marketing**</p> <p style="text-align: center;">4 SWS – 5 ECTS Prof. H. Hummels</p>	<p style="text-align: center;">ERP-Systems*</p> <p style="text-align: center;">4 SWS – 5 ECTS Prof. A. Pechmann</p>
<p style="text-align: center;">Digitalization and Automation *</p> <p style="text-align: center;">4 SWS – 5 ECTS Prof. A.W. Colombo</p>			<p style="text-align: center;">Strategic Management*</p> <p style="text-align: center;">4 SWS – 5 ECTS Prof. O. Passenheim</p>	
<p>Project 4 SWS – 5 ECTS*</p>				
<p style="text-align: center;">Deutsch: 4 SWS – 5 ECTS (in case of missing Bachelor Credit Points)</p> <p style="text-align: center;">Introduction to Scientific Working: 2 ECTS – Prof. Dr. K. Ottink</p>				

** Mandatory Subject

* Elective Subject

Changes to the elective modules are possible.

The elective modules are offered as required and can vary from semester to semester.

MTM Winter Semester 2022 / 2023

Technical Modules		Professionalization		Business Modules	
Computer Sciences** 4 SWS – 5 ECTS Prof. R. Götting	Production Systems* 4 SWS – 5 ECTS Prof. T. Schüning	Quality Management* 4 SWS – 5 ECTS Prof. M. Blattmeier	Advanced Project Management for Engineers* 2 SWS – 5 ECTS Prof. A. Haja	Business Management** 4 SWS – 5 ECTS Prof. O. Passenheim	
Modeling & Simulation* 4 SWS – 5 ECTS Prof. M. Graf	Simulation of Production Systems* 4 SWS – 5 ECTS Prof. A. Pechmann			Controlling* 4 SWS – 5 ECTS Prof. C. Wilken	International Commercial Law* 2 SWS – 5 ECTS B. Bessau
Project 4 SWS – 5 ECTS*					
Deutsch: 4 SWS – 5 ECTS (in case of missing Bachelor Credit Points)					
Introduction to Scientific Working: 2 ECTS – Prof. Dr. K. Ottink					

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Energy Engineering* 4 SWS – 5 ECTS Prof. O. Böcker				Strategic Management* 4 SWS – 5 ECTS Prof. O. Passenheim	
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