

Summer Semester 2021

Technical Modules		Professionalization	Business Modules
Introductory Futures Studies for Engineers** 4 SWS – 5 ECTS K.C. Keller	Digitalization and Automation * 4 SWS – 5 ECTS Prof. E. Wings	Communication & Culture** 4 SWS – 5 ECTS Prof. M. Krüger-Basener	Marketing** 4 SWS – 5 ECTS Prof. H. Hummels
Energy Engineering* 4 SWS – 5 ECTS Prof. O. Böcker			Strategic Management* 4 SWS – 5 ECTS Prof. O. Passenheim
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			

** 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.

Winter Semester 2021 / 2022

Technical Modules		Professionalization		Business Modules	
Computer Sciences**	Production Systems*	Introduction to Data Sciences**	Quality Management*	Business Management**	ERP-Systems*
4 SWS – 5 ECTS Prof. R. Götting	4 SWS – 5 ECTS Prof. T. Schüning	4 SWS – 5 ECTS Prof. E. Wings	4 SWS – 5 ECTS Prof. W. Kiehl	4 SWS – 5 ECTS Prof. O. Passenheim	4 SWS – 5 ECTS Prof. A. Pechmann
Modeling & Simulation*	Simulation of Production Systems*	Advanced Project Management for Engineers*	Innovation Management*	Controlling*	International Commercial Law*
4 SWS – 5 ECTS Prof. M. Graf	4 SWS – 5 ECTS Prof. A. Pechmann	2 SWS – 5 ECTS Prof. A. Haja	2 SWS – 5 ECTS Prof. A. Haja	4 SWS – 5 ECTS Prof. C. Wilken	2 SWS – 5 ECTS B. Bessau
Project 4 SWS – 5 ECTS*					
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Energy Engineering* 4 SWS – 5 ECTS Prof. O. Böcker		Advanced Project Management for Engineers* 2 SWS – 5 ECTS Prof. A. Haja	Innovation Management* 2 SWS – 5 ECTS Prof. A. Haja	Strategic Management* 4 SWS – 5 ECTS Prof. O. Passenheim	
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