

MECHANICAL ENGINEERING		MANUFACTURING / AUTOMATION		INDUSTRIAL ENGINEERING		
Computational Mechanical Design	Digital Manufacturing and Automation	Digital Manufacturing and Management	Smart and Sustainable Production	Logistics and Production		
				Double degree programme with the Otto-von-Guericke-University Magdeburg (OvGU)		
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SEMESTER I	Reverse Engineering and Rapid Prototyping Advanced Manufacturing Technologies and Systems					COMMON KNOWLEDGE
	Project Management Process and Technology Management					
	Automatic Control					
	Functional Mechanical Design			Management Control and Business Planning		
SEMESTER II	Industrial Robotics Digital Manufacturing and Simulation					SPECIFIC KNOWLEDGE
	Thermo-Mechanical Measurements					
	Finite Element Analysis (FEA)	Digital Factory and Industrial Maintenance				
	Advanced Topics of Machine Design	Mobile Robotics	Digital Transformation and Sustainability Management			
	Dynamics of Mechanical Systems	Electric Drives and Machines	Design and Development of Business Software	Elective 1	Elective 1	
	Computational Thermo-Fluid Dynamics (CTFD)	Programmable Controllers for Industrial Automation	Management Control and Business Planning	Manufacturing-oriented product development at TU Graz	Logistic Strategies and Methods at OvGU	
Design with Composite Materials	AI Applications in Industry		Supply Chain Practice / ERP at OvGU			
Elective	Elective	Elective	Automated intra-logistics at TU Graz	Business Decision Making at OvGU		
Elective	Elective	Elective	Production and Purchasing Management at TU Graz	Elective at OvGU		
Elective	Elective	Elective	Elective at TU Graz	Elective at OvGU		
SEMESTER III	Study Project					
	Master Thesis					
SEMESTER IV						