	Example study paths for track	CMS	Contents of COR modules	CMS-CE-EL1 (8 SWS)	CMS-CE-EL2 (12 SWS)
	"Computational Engineering"	Track	that should be priorly		
			known or selected		
			CMS-COR-MLD	Elektromechanical Networks (WS) (3 SWS)	Closed-loop Control in Networked Control Systems (4 SWS) (WS)
1	Electronics	CE	CMS-COR-IVILD	Future Computing Strategies in Nano-Electronic Systems (WS) (3 SWS)	System Dynamics (WS) (4 SWS)
ľ	Licetromes		CMS-COR-HPC	Coupled Simulation and Realtime Simulation (WS) (2 SWS)	Machine Learning for Robotics (SS) (4 SWS)
			CMS-COR-MLD	Computer Graphics 1 (WS) (4 SWS)	Computer Vision 1 (WS) (4 SWS)
2	Machine Learning and Visualization	CE	CMS-COR-VIZ	Digitization and Data Analytics: Architectures, Methods and Consequences	Machine Learning for Robotics (SS) (4 SWS)
			CMS-COR-FAI	(SS) (4 SWS)	Scientific Visualization (SS) (4 SWS)
			CMS-COR-SSE	Design Patterns and Frameworks (4 SWS) (WS)	Particle Methods (SS) (4 SWS)
3	Software Engineering	CE	CMS-COR-HPC	Digitization and Data Analytics: Architectures, Methods and Consequences	Performance Analysis of Computing Systems (WS) (4 SWS)
			CMS-COR-MLD	(4 SWS) (SS)	Advanced Problem Solving and Search (SS/WS) (4 SWS)
					System Dynamics (4 SWS) (WS)
1,	Mechanics	CE	CMS-COR-MLD	Multibody Dynamics - Practical Exercise (2 SWS) (SS/WS)	Coupled Simulation and Realtime Simulation (2 SWS) (WS)
4	Mechanics	CE	CMS-COR-HPC	Electromechanical networks (3 SWS) (WS)	Introduction to Research Software Engineering (2 SWS) (SS)
			CMS-COR-SED	Particle Methods (4 SWS) (SS)	Introduction to Computational Aerodynamics (4 SWS) (WS)
			Abbreviations		
			SWS	Semester-Wochen-Stunden (Hours per Week)	
			SS	Summer Semster	
			WS	Winter Semester	Introduction to Research Software Engineering

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