


Parts	Electric power engineering			High-voltage engineering			
Subjects	Renewable energy sources	Energy management	Electric energysystem	Stress of electric components	Overvoltages & insulation coordination	Insulation technique	
	Teaching						
Subjects of study	Electrical engineering 2 1 0						
	Transmission & distribution 3 1 2			High-voltage engineering 3 1 2			
	Renewable technologies I 2 1 0		Stress of electric components 3 1 1				
	Renewable technologies II 1 0 1		Statistics & Insulation coordination 2 1 0				
	Electric networks & components 2 1 0						
	Power system economics 1 0 0			Diagnostic & measuring technique 2 0 0			
	Energy storage & transformation systems 1 0 0						
	Power supply calculation & protection technique 2 0 0						
	Praktical work						
	Case study, seminar paper, Bachelor thesis , project work, Master thesis						
Fields of research							
	Decentralised sources - economics & ecology						
	Network integration of E-mobility			Condition assessment of MV cables			
	Network integration of powerful wind farms						
	Probabilistic network planning for decentralised supply						
	Asset-Management				Transients on long cable lines		
	Centre of competence for technical tasks of power utilities (with emphasis on medium-voltage range)						
Vision:	Centre of competence for technical tasks of power utilities (with emphasis on medium-voltage range)						