



Field of specialization 24: Electrical Power Systems

Exemplary curriculum:

	WS		SS	
	SWS	LP	SWS	LP
Basic Modules of Specialization (BMS)				
Numerical Methods			2+1	5
Measurement Technology	2+1	5		
Communication Systems and Protocols			2+1	5
Compulsory Modules of Specialization (CMS)				
Power Electronics			2+2	6
Optimization of Dynamic Systems (ab WiSe 25/26: 6 LP)	2+1	5		
Electric Power Transmissions & Grid Control			2+2	6
Renewable Energy - Resources, Technologies and Economics	2+0	3		
Liberalised Power Markets	2+2	6		
Pulsed Power Technology and Applications (Lecture)	2+0	3		
Energy Storage and Network Integration	2+1	4		
Laboratory Modern Software Tools in Power Engineering			0+4	6
or Laboratory Solar Energy	0+4	6	0+4	6
or an alternative laboratory after agreement with the program consultant	0+4	6	0+4	6
Sum (BMS+CMS)		26		28

	WS		SS	
	SWS	LP	SWS	LP
Elective Modules of Specialization (EMS)				
Recommended electives, see next page				
...				
Sum (see below)				

	WS		SS	
	SWS	LP	SWS	LP
Interdisciplinary Qualifications				
see Module M-ETIT-105803				
...				
Sum (in total 6 LP)				

	LP
Master's Thesis	
Master's Thesis	30

	LP
Summary	
Basic Modules of Specialization (BMS)	15
Compulsory Modules of Specialization (CMS)	39
Elective Modules of Specialization (EMS)	30
Interdisciplinary Qualifications	6
Master's Thesis	30
Sum	120

Gray backgrounds are used to illustrate credit point (LP) summation in winter term (WS) and summer term (SS).