

Exemplary curriculum²¹:

	WS		SS	
	SWS	LP	SWS	LP
Basic Modules of Specialization (BMS)				
Superconductivity for Engineers (ab WiSe 25/26: 6 LP)	2+1	5		
Optimization of Dynamic Systems (ab WiSe 25/26: 6 LP)	2+1	5		
Numerical Methods			2+1	5
or Measurement Technology	2+1	5		
Compulsory Modules of Specialization (CMS)				
Superconducting Materials (2-term module)	2+0	3	2+0	3
Superconducting Magnet Technology			2+1	4
Superconducting Power Systems	2+1	4		
Quantum Detectors and Sensors	3+1	6		
Entwurf elektrischer Maschinen	2+1	5		
Elektrische Energienetze	2+1	5		
or Nano- and Quantum Electronics			3+1	6
Seminar on Applied Superconductivity			3	3
Praktikum Nanoelektronik	4	6	4	6
or Praktikum Supraleitende Quantenelektronik	4	6	4	6
or Praktikum Supraleitende Materialien	4	6	4	6
or Lab Course Robotic Winding Technology for Superconducting Wires	4	6		
or Lab Course on Noise Thermometry	4	6	4	6
Sum (BMS+CMS)		28		27

	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				
...				
Sum (in total 6 LP)			6 LP	

	LP
Master's Thesis	
Master's Thesis	30

	LP
Summary	
Basic Modules of Specialization (BMS)	15
Compulsory Modules of Specialization (CMS)	40
Elective Modules of Specialization (EMS)	29
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).

²¹ Modules that are listed in two semesters, must be taken only once (except 2-term modules). (D) means the lecture is in German, (E) – in English. If several practical courses are listed, only one is to be chosen. The corresponding credit points are only added to the sum (BMS+CMS) in one semester.