



CURRICULUM

1. Semester	2. Semester	3. Semester	4. Semester
Introduction to Atomic and Solid State Physics 9 CP			Master Thesis 30 CP
Functional Nanomaterials 7 CP		Analysis of the Real Structure of Matter 9 CP	
Fundamentals of Crystallography 4 CP	Structure and Microstructure Analysis 9 CP	Laser Physics 4 CP	
Quantum Theory I 6 CP	Materials Research with Free-electron X-Ray Lasers 3 CP	Spectroscopy 6 CP	
	Basics of Coatings Technology 4 CP		
	Research Project (AMA) 7 CP		
Elective Courses 16 CP			
Optional Courses 6 CP			

-  free elective modules
-  mandatory modules

CP = Credit Points