

Schedule of Studies and Exams – Materials Science with Degree Master of Science

	CP = Credit Points						
	Form of Exam: w = written; o = oral						
	L = Lecture, E = Exercise, S = Seminar, Lab = Laboratory course						
	T = Thesis, P = Presentation with discussion						
		1.WS	2.SS	3.WS	4.SS	Exam	
		CP	CP	CP	CP	Form	Duration (min)
Moduls of Mandatory Sector							
1	Research Labs I and II	4	4				
2	Materials Engineering - L	5				o / w	30 / 60
3	Surfaces and Interfaces - L	5				o / w	30 / 60
4	Quantum Mechanics for Materials Science - L, E	5				o / w	30 / 60
5	Seminar: Research Topics in Materials Science - S	2					
6	Advanced Methods of Materials Science - L, E		6			o / w	30 / 60
7	Theoretical Materials Science - L, E		6			o / w	30 / 60
8	Advanced Research Lab - Lab, S			15			
9	Master Thesis and Presentation - T, P				30	o & w	30 & thesis
	Adjustment Course - L	(6)				o	20
Moduls of Materials Science Elective Sector							
	Elective Courses Materials Science - L	(6)	11	12		o	20 per course
	Elective and Soft Skill Courses - L	3	3	3			
		30	30	30	30	Sum:	120
Composition of Module Grades							
Module 1: All Lab experiments have to be successfully carried out. Only pass / non pass.							
Modules 2, 3, 4, 6, 7: Grade of oral exam or written exam (100%). Type of exam will be announced at beginning of course. Possibility to improve grade by maximally APB-allowed amount through successful participation in homework review sessions.							
Module 5: Seminar participation, talk and written report have to be judged sufficient. Only pass / non pass.							
Module 8: The research work has to be successfully carried out. Seminar participation, talk, and written report have to be judged sufficient. Only pass / non pass.							
Module 9: Scientific work with written report (100%). Successful presentation of results and subsequent discussion.							
In the first semester, "Adjustment Course" and "Elective Courses Materials Science" are alternative possibilities; see "Ausführungsbestimmungen".							