

Schedule of Courses Materials Science with Degree Master of Science, Study Regulations 2015

1. Semester	CP SWS	2. Semester	CP SWS	3. Semester (optional stay abroad)	CP SWS	4. Semester	CP SWS		
(1) Research Lab I	SL 4 pass/fail Lab4	(2) Research Lab II	SL 4 pass/fail Lab4	(3) Advanced Research Lab with Seminar	SL 15 pass/fail Lab24+P2	(9) Master Thesis and Defense	FP 30 graded		
(4) Quantum Mechanics for Mat. Sci. or Micromechanics and Hom. Techn.	FP 6 graded L3+E1	(7) Theoretical Methods in Materials Science	FP 6 graded L3+E1						
(5) Functional Materials	FP 6 graded L4	(8) Advanced Characterization Methods of Materials Science	FP 6 graded L3+E1						
(6) Surfaces and Interfaces	FP 5 graded L3	Elective Courses Materials Science		FP 29 graded					
Elective Courses (not Materials Science)								FP/SL 9 graded or pass/fail	
Orientation Day	0			Career Coaching	0				
Mentoring									
Sum CP	30	Sum CP	30	Sum CP	30	Sum CP	30		

Elective Courses Materials Science	29	Choice of Quantum Mechanics or Micromechanics	6
		Mandatory Courses Materials Science	23
		Materials Science Labs	23
Elective Courses (not Materials Science)	9	Master Thesis	30
		Sum	120

FP = "Fachprüfung" = graded exam (max. 3 attempts, except thesis: max. 2 attempts)
SL = "Studienleistung" = ungraded study work
SLb = "Studienleistung benotet" = graded study work
L = lecture, E = exercises, P = presentation,
Lab = laboratory course, CP = credit points