Study Plan M.Sc. Materials Science, TU Darmstadt, Study Regulations 2024

Language of Teaching: ENGLISH

This module overview is an abbreviated, easy-to-read version of the official course schedule as defined in the examination regulations, to be found in the "Satzungsbeilagen of TU Darmstadt". A minimum of 120 credit points (CP) are needed for graduation.

1st Semester	***CP*** *CHW*	***2nd Semester***	***CP*** *CHW*	***3rd Semester*** *(optional stay abroad)*	***CP*** *CHW*	***4th Semester***	***CP***
Research Lab I	**SE 4** *ungraded Lab4*	Research Lab II	**SE 4** *ungraded Lab4*	Advanced Research Lab	**SEg 15** *graded Lab24+P2*	Master Thesis and Defense	**TE 30** *graded*
Quantum Mechanics for Mat. Sci. OR Micromechanics for Mat. Sci.	**TE 6** *graded L3+E1*	Theoretical Methods in Materials Science	**TE 6** *graded L3+E1*				
Functional Materials	**TE 6** *graded L4*	Advanced Characterization Methods of Materials Science	**TE 6** *graded L3+E1*				
Surfaces and Interfaces	**TE 5** *graded L3*	Sustainable Materials	**TE 6** *graded L4*				
Elective Courses Materials Science				**TE/SEg 22-26** *graded*			
General Studies				**TE/SEg/SE 6-10** *graded or ungraded*			
Orientation Day	**0**						
Mentoring	**0**						

Elective Courses Materials Science	22 - 26	Mandatory Materials Science Courses	29
		Elective Courses Mechanics (QM or MM)	6
		Materials Science Labs	23
General Studies	6 - 10	Master Thesis	30
		Sum	**120**
Recommended Supplementary Offers	0		

CHW = contact hours (45min) per week
CP = Credit Points (ECTS system)
TE = technical examination = graded exam (max. 3 attempts, except thesis: max. 2 attempts)
SE = ungraded study examination
SEg = graded study examination
L = lecture, E = exercises, P = presentation, Lab = laboratory course