Module overview M.Sc. Materials Science - 8 Semester

Degree Programme Guidelines as per 08.03.2023, Version: 08.03.2023 (SB2024III)

The degree programme consists of 120 Credit Points (CP) in total:

Compulsory Area:	**52 CP**	**Elective Subject Area :**	**28 - 32 CP**
- included Mandatory Labs	**23 CP**	**Master Thesis:**	**30 CP**
Interdisciplinary Elective Area:	**6 - 10 CP**		

Language of Tuition: ENGLISH
Certificates required

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This leads to the following *possible* part-time semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
Research Lab I (4 CP)	Research Lab II (4 CP)	Quantum Mechanics *or* Micromechanics (6 CP)	Sustainable Materials (6 CP)		Advanced Research Lab (15 CP)	Master Thesis (30 CP)	
Functional Materials (6 CP)	Theoretical Methods in Materials Science (6 CP)						
Surfaces and Interfaces (5 CP)	Advanced Characterization Methods of Materials Science (6CP)	Elective Courses Materials Science (22 - 26 CP)					
Studium Generale (6 - 10 CP)							
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP