

## Module overview M.Sc. Materials Science - 6 Semester

Degree Programme Guidelines as per 01.06.2024, Version: 01.06.2024 (SB2024III)

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

Compulsory Area:	52 CP	<span style="color: blue;">■</span>	Elective Subject Area:	28 - 32 CP	<span style="color: green;">■</span>
- included Mandatory Labs	23 CP	<span style="color: yellow;">■</span>	Master Thesis:	30 CP	<span style="color: orange;">■</span>
Interdisciplinary Elective Area:	6 - 10 CP	<span style="color: purple;">■</span>			

**Language of Tuition:**  
**ENGLISH**  
*Certificates required*



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

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester
Research Lab I (4 CP)	Research Lab II (4 CP)		Sustainable Materials (6 CP)	Master Thesis (30 CP)	
Functional Materials (6 CP)	Theoretical Methods in Materials Science (6 CP)	Quantum Mechanics <i>or</i> Micromechanics (6 CP)	Advanced Research Lab (15 CP)		
Surfaces and Interfaces (5 CP)	Advanced Characterization Methods of Materials Science (6 CP)				
Elective Courses Materials Science (22 - 26 CP)					
Studium Generale (6 - 10 CP)					
Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP