

Module Overview M. Sc. Physik (8 Semesters)

Degree Programme Guidelines as per 01.10.2015, Version 01.10.2017

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

- ▶ **Mandatory Subject Area:** 17 CP ■
- ▶ **Elective Subject Area:** 28 CP ■
- ▶ **Internship:** 30 CP ■
- ▶ **Non-Physics Supplemental Subject and Interdisciplinary Courses:** 15 CP ■
- ▶ **Master's Thesis:** 30 CP ■



Language of Tuition:
GERMAN
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	7. Semester	8. Semester
Advanced Quantum Mechanics <i>or</i> Complex Dynamical Systems (7 CP)	Seminar Theoretical Physics (5 CP)		Seminar Experimental Physics (5 CP)	Internship: Introduction to Scientific Work (30 CP)		Master's Thesis (30 CP)	
Non-Physics Supplemental Subject** (4 CP)		Non-Physics Supplemental Subject** (5 CP)	Interdisciplinary Courses*** (6 CP)				
Specialisation (1 out of 5)* (28 CP)							
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP				

* Choice of: Modern Optics; Nuclear Physics and Nuclear Astrophysics; Matter in the case of High Energy Density; Physics of Condensed Matter; Physics and Technology of Accelerators *or* individual specialisation..

** Choice of modules according to „Non-Physics Supplemental Subjects that can be chosen without a request.“

*** These courses may be chosen from the general TU Darmstadt course catalogue.