

Physics (M.Sc.) - Effective 01 October 2022

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

Mandatory Subject Area: 17 CP ■
Elective Subject Area: 28 CP ■
Interdisciplinary Elective Area: 15 CP ■
Research/Thesis: 60 CP ■
 - including Practical Introduction: 30 CP ■

Language of Tuition:
ENGLISH
certificates required

The following **module overview** is an abbreviated, easy-to-read version of the **official course schedule** in the examination regulations, to be found in the Satzungsbeilagen of TU Darmstadt:

1st semester	2nd semester	3rd semester	4th semester
Seminar Theoretical Physics (5 CP)	Seminar Experimental Physics (5 CP)	Research Area: Practical Introduction to Scientific Research (30 CP)	Research Area: Master Thesis and Oral Presentation of Master Thesis (27+3 CP)
Advanced Theoretical Physics: Advanced Quantum Mechanics or Complex Dynamical Systems (7 CP)			
Specialisation (28 CP) <i>1 out of 3</i> - Nuclear Physics and Nuclear Astrophysics - High Energy Density in Matter - or Individual Specialisation*			
Interdisciplinary Elective Area (15 CP) - General Studies: Catalogue of All Modules of the Other Departments (not Physics) of TU Darmstadt (10-15 CP) - Elective Area Physics (0-5 CP)			

* Authorised Examination Plan necessary