

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:

1 st semester	2 nd semester	3 rd semester	4 th 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 (7 CP)			
Specialisation (28 CP) <i>1 out of 3</i> - Nuclear Physics and Nuclear Astrophysics - High Energy Density in Matter - 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

Study Programmes
www.tu-darmstadt.de/studieren

Course Schedule
www.tucan.tu-darmstadt.de

Application and Admission for international students
(International Office)
www.tu-darmstadt.de/international

Zentrale Studienberatung und -orientierung ZSB
(Central Student Advisory and Orientation Office)

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Imprint

Publisher	President of TU Darmstadt
Editorial office	Zentrale Studienberatung und -orientierung ZSB

Design: DUBBEL SPÄTH, Darmstadt | Titelfoto: Gregor Schuster, Darmstadt

Physics Master of Science



Brief Description

The aim of the Master of Science degree programme in Physics is to provide students with the multifaceted expertise and scientific confidence required to solve problems in fundamental and applied research, technology and society. Advanced and specialised lectures and courses from the areas of experimental and theoretical physics and from a supplemental subject outside of physics, typically from mathematics, natural sciences or engineering sciences will serve this aim. Students will also be able to choose interdisciplinary courses from the complete TU Darmstadt course catalogue to increase the scope of the programme. A one-year research phase will complement this broad spectrum.

www.physik.tu-darmstadt.de

Admission

For information on application deadlines please refer to www.tu-darmstadt.de/bewerbung

www.tu-darmstadt.de/application

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