

The degree programm consists of 180 Credit Points (CP) in total:

Language of Tuition:
GERMAN
certificates required

- Mandatory Subject Area Physics:** 82 CP ■
- Mandatory Subject Area Mathematics:** 32 CP ■
- Mandatory Lab Practical:** 35 CP ■
- Interdisciplinary Elective Area:** 16 CP ■
- Research/Thesis:** 15 CP ■

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	5th semester	6th semester
Physics I (7 CP)	Physics II (7 CP)	Physics III (7 CP)	Physics IV (5 CP)	Physics V (5 CP)	
			General and Overarching Concepts of Experimental Physics (3 CP)	Physics VI (5 CP)	
Physical Basis Laboratory I (4 CP)	Physical Basis Laboratory II (4 CP)	Physical Basis Laboratory III and Compact Course (4 + 1 CP)	Computational Physics (6 CP)	Advanced Laboratory Course I (8 CP)	Advanced Laboratory Course II (8 CP)
Calculation Methods for Physics (5 CP)	Theoretical Physics I: Classical Mechanics (8 CP)	Theoretical Physics II: Quantum Mechanics (8 CP)	Theoretical Physics III: Electrodynamics (8 CP)	Theoretical Physics IV: Thermodynamics and Statistical Physics (8 CP)	Theoretical Physics V: Overarching Concepts (6 CP)
Analysis 1 (8 CP)	Analysis 2 (8 CP)	Complex Analysis (4 CP)			Bachelor's Thesis and Oral Presentation (12 + 3 CP)
Linear Algebra for Physics (4 + 4 CP)		Ordinary Differential Equations (4 CP)			
		Interdisciplinary Elective Area (16 CP) - General Studies (11-16 CP) > General catalogue of all modules of the other departments (not Physics) of TU Darmstadt (6-16 CP) > Interdisciplinary Elective Catalogue Physics (0-5 CP)			

Study Programmes

www.tu-darmstadt.de/studieren

hobit – Information fair for pupils

www.hobit.de

TUday – Info day for prospective students

www.tu-day.de

Online Self-Assessment

www.self-assessment.tu-darmstadt.de

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)

Karolinenplatz 5, 64289 Darmstadt

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Opening hours: www.zsb.tu-darmstadt.de

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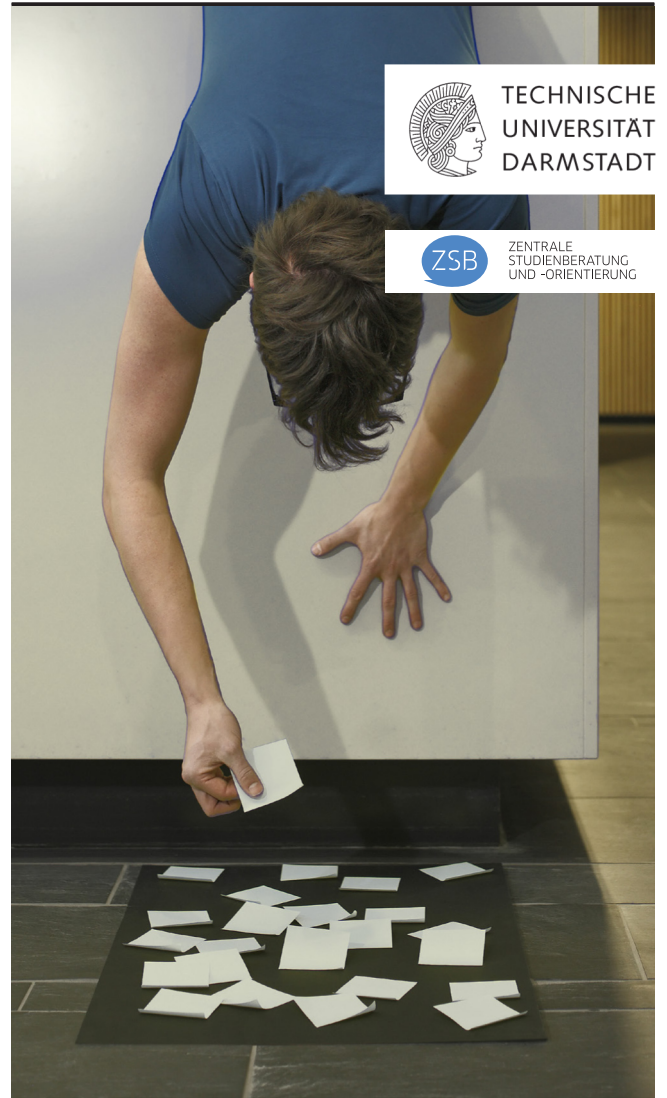
President of TU Darmstadt

Editorial office

Zentrale Studienberatung und
-orientierung ZSB

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Physik Bachelor of Science



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

Brief Description

Physik is a fundamental science with the objective of quantitatively comprehending nature and describing it by means of universal laws.

Physical findings have shaped our scientific view of the world. At the same time, they are the basis for technical advancement of our society.

www.physik.tu-darmstadt.de

Admission

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