

Computer Science (B.Ed.) (as per degree programme guidelines 01.10.2014)

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

Language of Tuition:
GERMAN
certificates required

Vocational Field of Studies

- › **Specialised Science:** 100 CP ■
- › **Subject-related Didactics:** 20 CP ■
- › **Bachelor's Thesis:** 10 CP ■

- › **General Education Subject:** 20 CP ■

- › **Educational and Social Sciences:** 30 CP ■

This leads to the following *possible* semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester
Foundations of Computer Science I (10 CP)	Foundations of Computer Science II (10 CP)	Foundations of Computer Science III** (10 CP)	Proseminar in Didactics (5 CP)	Practical Lab for Bachelors (6 CP)	Bachelor's Thesis (10 CP)
Mathematics I for Computer Science (9 CP)	Didactics of Computer Science I (5 CP)	Didactics of Computer Science II (5 CP)	Didactics of Computer Science III (5 CP)	Project Management (3 CP)	
Formal Principles of Computer Science I (5 CP)	Formal Principles of Computer Science II (5 CP)				
Technical Foundations of Computer Science* (12 CP)		Elective Subject: Special Areas of Computer Science (30 CP)			
Educational and Social Sciences (30 CP) with Practical Studies in Schools 1					
Subject Studies and Subject-related Didactics (20 CP)					

* consists of Digitaltechnik und Rechnerorganisation

** consists of Operating Systems and Low-level and Parallel Programming

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.osa.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)

Karolinenplatz 5, 64289 Darmstadt
Gebäude S1 | 01, 217
email info@zsb.tu-darmstadt.de
www.zsb.tu-darmstadt.de

Opening hours

Tuesday	10-12 a.m.	
Wednesday	2-4 p.m.	
Thursday	4-6 p.m.	and by arrangement

Imprint

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www.tu-darmstadt.de/international

For information on application deadlines please refer to

Admission

Computer Science Bachelor of Education

Informatik (B.Ed.)



Brief Description

The programme Teaching at Vocational Schools at TU Darmstadt consists of two connected study programmes:

- first, the Bachelor of Education programme (6 semesters; vocational field of study) and
 - subsequently, the Master of Education programme (4 semesters; subject of general education/subject studies).
- Only the completion of both the Bachelor of Education AND the Master of Education is equivalent to the first state examination in the state of Hesse and therefore mandatory for the admission to the preparatory period (teaching practice) or the teaching profession.

www.informatik.tu-darmstadt.de