

Information Systems Technology (B.Sc.) (as per degree programme guidelines 01.10.2015)

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

- › **Mandatory Area:** 110-113 CP ■
- › **Mandatory Laboratories:** 7 CP ■
- › **Optional Subject Area:** 35-38 CP ■
- › **General Studies:** 13 CP ■
- › **Bachelor's Thesis:** 12 CP ■

Language of Tuition:
GERMAN
certificates required

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

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester
Mathematics I (8 CP)	Mathematics II (8 CP)	Mathematics III (8 CP)	Mathematics IV (8 CP)	Systems and Parallel Programming (5 CP)	Bachelor's Thesis (12 CP)
Functional and Object-oriented Programming Concepts (10 CP)	Algorithms and Data Structures (10 CP)	Deterministic Signals and Systems (7 CP)	Fundamentals of Communication (6 CP)	Operating Systems (5 CP)	
Electrical Engineering and Information Technology I (7 CP)	Electrical Engineering and Information Technology II (7 CP)	Software Engineering (5 CP) <i>or</i> Software Engineering – Introduction (6 CP)	Computer Organisation (5 CP) <i>or</i> Computer Systems I (6 CP)	Electronics (4 CP)	
Mentoring (1 CP)	General Studies* (13 CP)			Electronics Lab (3 CP)	
Electrical Engineering and Information Technology Lab I (4 CP)		Digital Design (5 CP) <i>or</i> Logic Design (6 CP)	Optional Subjects Specialisation** (15-38 CP)		
		Introductory Project (Projectweek) (2 CP)	Optional Subjects Application** (0-20 CP)		

* All modules from the departments 1, 2, 3, 15 and the Language Resource Center (Sprachenzentrum) as well as particular modules from other departments

** The chosen modules from the Specialisation Area or the Application Area have to contain at least two courses from type Laboratory, project seminar or (pro-)seminar. The two courses must not be from the same type.

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/aaa

Support and counselling for international students

www.tu-darmstadt.de/aaa/support

Zentrale Studienberatung und -orientierung ZSB (Central Student Advisory)

Karolinenplatz 5, 64289 Darmstadt
Gebäude S1 | 01, Raum 103
email info@zsb.tu-darmstadt.de
www.zsb.tu-darmstadt.de

Opening hours

Tuesday & Thursday 10-12 a.m.
Wednesday 2-4 p.m.
Thursday 4-6 p.m.

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Information Systems Technology Bachelor of Science

Informationssystemtechnik (iST) (B.Sc.)



www.ist.tu-darmstadt.de

Information Systems Technology takes this development into account. The subject has an interdisciplinary approach, or more precisely: It forms the interface between informatics, electrical engineering, and information technology.

Today, more and more complex microprocessor-controlled information systems are built into – or “embedded in” – all kinds of technical products. This causes the classical borders of hardware and software to blur progressively.

Brief Description

Admission

For information on application deadlines, please refer to:
www.tu-darmstadt.de/aaa/.