

The degree programm consists of 240 Credit Points (CP) in total:

Language of Tuition:
GERMAN
certificates required

Structure First State Examination Programme:

First Subject: 77 CP
 Second Subject: 77 CP (not pictured here)
 Educational Studies: 50 CP (not pictured here)
 Vernetzungsbereich: 20 CP (not pictured here)
 Praxissemester: 20 CP (not pictured here)

Structure Subject Informatik:

Mandatory Subject-Specific Area: 42 (35*) CP ■
 Mandatory Subject Area (Didactics): 22 CP ■
 Elective Subject Area: 13 (20**) CP ■
 First State Examination: — 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 | 7th semester | 8th semester | 9th semester |
|---|--|---|---|--------------|---|--------------|--------------|-------------------------|
| Mentoring System (0 CP) | Algorithms and Data Structures (10 CP) | Automata, Formal Languages and Decidability (5 CP) | Computer networks and distributed systems (5 CP) | | Seminar Applied Aspects of Computer Science in the Classroom (3 CP) | | | First State Examination |
| Functional and Object-oriented Programming Concepts (10 CP) | Subject-related Didactics of Computer Science I (4 CP) | Subject-related Didactics of Computer Science II (5 CP) | Information Management (5 CP) | | | | | |
| Higher Mathematics* (7 CP) | Central Ideas and Tools MINT ^{plus} (5 CP) | | Subject-related Didactics of Computer Science II (5 CP) | | | | | |
| | | Elective Subject Area (13 (20**)CP) | | | | | | |
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| | | | | | | | | |

* 35 CP, in case Mathematik is taken as a Second Major Subject, correspondingly the 9 CP have to be adducted in the Elective Subject Area
 ** 20 CP, in case Mathematik is taken as a Second Major Subject

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

Centre for Teacher Education

www.zfl.tu-darmstadt.de

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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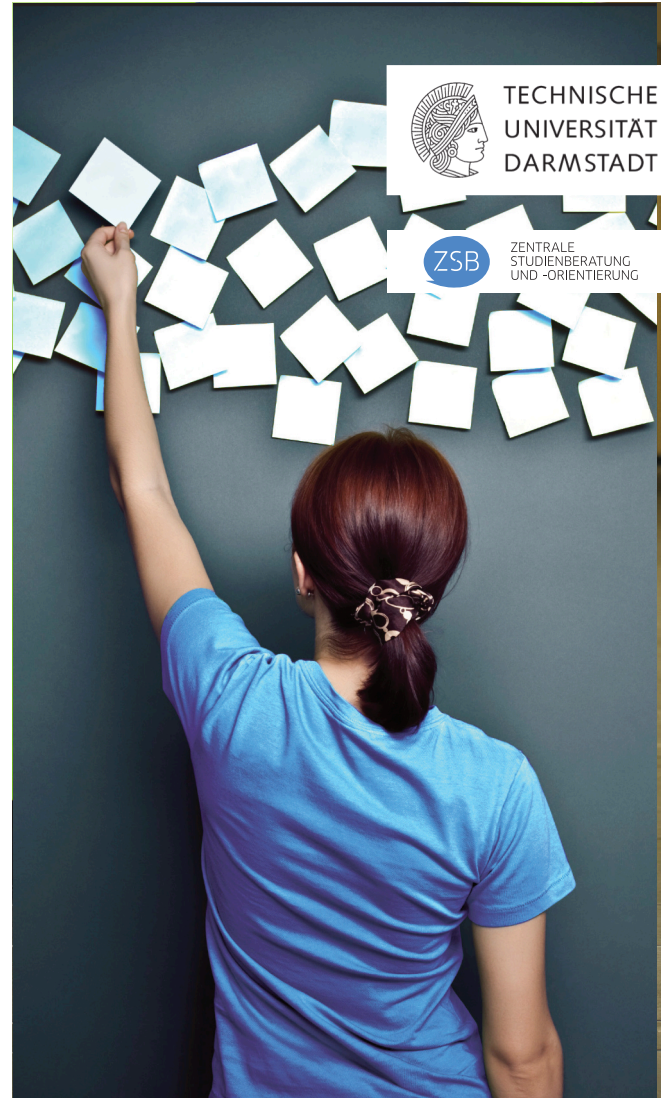
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www.tu-darmstadt.de/international

For information on application deadlines please refer to

Admission

Informatik Lehramt an Gymnasien



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www.informatik.tu-darmstadt.de
www.zfl.tu-darmstadt.de

The Teaching at Secondary Schools (Gymnasium) programme prepares the students for the teaching profession at Secondary Schools from grades 5 to 13. It consists of two subjects, the Grundwissenschaften and the Vernetzungsbereich (MINT courses = Mathematik, Informatik, Naturwissenschaften, Technik). With an orientation internship, an in-company internship as well as Practical Phases in school and Extracurricular Teaching Practical Studies the programme is quite practice-oriented.

Brief Description