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

**Mandatory Subject Area:** 121 CP
- including Lab Practical: 10 CP

**Elective Subject Area:** 35-38 CP

**Interdisciplinary Elective Area:** 9-12 CP

**Mentoring:** 12 CP

**Research/Thesis:** 12 CP

An obligatory student mentoring is part of the introduction to the programme.

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:

<table>
<thead>
<tr>
<th>1st semester</th>
<th>2nd semester</th>
<th>3rd semester</th>
<th>4th semester</th>
<th>5th semester</th>
<th>6th semester</th>
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</thead>
<tbody>
<tr>
<td>Electrical Engineering and Information Technology I (7 CP)</td>
<td>Electrical Engineering and Information Technology II (7 CP)</td>
<td>Deterministic Signals and Systems (7 CP)</td>
<td>Communication Technology (6 CP)</td>
<td>Parallel Programming (5 CP)</td>
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<tr>
<td>Algorithms and Data Structures (10 CP)</td>
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</tbody>
</table>

**Specialisations (open elective catalogs)**
- (15-38 CP)
  - Communication Technology and Systems; System on Chip and Embedded Systems; Software Engineering

**Applications (open elective catalogs)**
- (0-20 CP)
  - Automotive Systems; Intelligent Systems and Algorithmics; Information Processing in Power Engineering; Medical Engineering; Control Engineering and Robotics; Secure Systems; Visual Computing; Economics; Entrepreneurship and Innovation; Technology

**Studium Generale**
- (9-12 CP)
  - e.g. Humanities and Social Sciences, Languages and Soft Skills, Insight into Professional Life

* 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.
Informationssystemtechnik
Bachelor of Science

Brief Description

Today, more and more complex microprocessor-controlled hardware and software systems are used. This causes the classical borders of electronics and informatics to blur. The subject Informationssystemtechnik takes this development into account.

Admission

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