The degree programme consists of 120 Credit Points (CP) in total:

<table>
<thead>
<tr>
<th>Mandatory Subject Area</th>
<th>40-42 CP</th>
<th>Elective Subject Area</th>
<th>at least 28 CP</th>
<th>Studium Generale</th>
<th>12-20 CP</th>
<th>Research/Thesis</th>
<th>30 CP</th>
</tr>
</thead>
</table>

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>
</tr>
</thead>
<tbody>
<tr>
<td>Core Competencies*</td>
<td>Optionals</td>
<td>Optionals Supplements</td>
<td>Master Thesis</td>
</tr>
<tr>
<td>(40-42 CP)</td>
<td>(28-48 CP)</td>
<td>(0-10 CP)</td>
<td>(30 CP)</td>
</tr>
<tr>
<td>(at least 7 Modules)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Optionals

(Communication Hardware or Communication Systems and Networking or Communication Algorithms)

Optionals Supplements

(All modules from the subareas Communication Hardware, Communication Systems and Networking and Communication Algorithms)

Studium Generale

(12-20 CP)

(Humanities and Social Sciences or/and Entrepreneurship and Management or/and Engineering and Natural Sciences or/and Languages, Soft Skills or/and Insight into professional life)

* Advanced Digital Integrated Circuit Design; Antennas and Adaptive Beamforming; Communication Networks II; Communication Technology II; Convex Optimization in Signal Processing and Communications; Digital Signal Processing; Data-driven Modeling - Machine Learning; Matrix Analysis and Computations; Mobile Communications; Optical Communications - Components; Technical Electrodynamics for ICE
Information and Communication Engineering
Master of Science

The research-oriented study programme Master of Science in Information and Communication Engineering is focused on the theoretical basics, models and applications of information transmission and processing. This includes communication engineering and signal theory, methods for their microelectronic integration in hardware/software solutions with applications in mobile and multimedia communication. The programme is tailored to German as well as foreign students intending to pursue a degree with an international focus and courses held in English.

For information on application deadlines please refer to
www.tu-darmstadt.de/studieren
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
Building S1 | 01
E-mail: info@zsb.tu-darmstadt.de

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

Imprint

Publisher
President of TU Darmstadt

Editorial office
Zentrale Studienberatung und -orientierung ZSB