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

- **Area 1: Mandatory and Elective Subject Area:** 56-64 CP
- **Area 2: Modules not belonging to the Specialization:** 26-34 CP
  - Including Interdisciplinary Elective Area: 10-24 CP
- **Research/Thesis:** 30 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:

<table>
<thead>
<tr>
<th>1st semester</th>
<th>2nd semester</th>
<th>3rd semester</th>
<th>4th semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mandatory and Elective Subject Area of the chosen Specialization</strong>*&lt;br&gt;(56-64 CP)&lt;br&gt;Basics and Election Catalogue of the chosen Specialization</td>
<td></td>
<td></td>
<td><strong>Master Thesis</strong>&lt;br&gt;(30 CP)</td>
</tr>
<tr>
<td><strong>General Electrical Engineering and Information Technology</strong>&lt;br&gt;(10-24 CP)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Elective Courses (Studium Generale)</strong>&lt;br&gt;(10-24 CP)&lt;br&gt;Electives from: Humanities and Social Sciences (at least 1 module), Entrepreneurship and Management, Engineering and Natural Sciences, Languages, Soft Skills and Insight into Professional Life</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Specializations:
- Automation Technology (AUT)
- Computational Methods in Electrical Engineering (CMEE)
- Computer Engineering (DT)
- Electrical Power Engineering (EET)
- Communication and Sensor Networks (KTS)
- Sensors, Actuators and Electronics (SAE)
- Networked Autonomous Systems (VAS)
- General Electrical Engineering (AET) (the area „General Electrical Engineering and Information Technology“ is part of the Specialization, which therefore includes 66-80 CP)
The Master’s degree programme is the second stage of the two-tier Bachelor’s/Master’s system. The M.Sc. (etit) follows directly from the B.Sc. (etit) and takes four semesters. It leads to a Master of Science degree, which is equivalent to the traditional title of “Diplom-Ingenieur”.

The research-related Master’s programme will extend your knowledge of the focus area you chose in your Bachelor’s programme. Application-oriented contents will constitute a core feature. By integrating students in ongoing research the programme’s emphasis on practical applications is increased.