Module Overview M.Sc. Information and Communication Engineering (8 semesters)

Degree programme guidelines as per 01.04.2020, version: 01.10.2020

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

Mandatory Subject Area:	33 CP	🟦
Elective Subject Area:	51 CP	🟩
Studium Generale:	6 CP	🟪
Master's Thesis:	30 CP	🟧

Language of Tuition: ENGLISH
Certificates required

TECHNISCHE UNIVERSITÄT DARMSTADT

This leads to the following possible part-time semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
Digital Signal Processing (6 CP)	Advanced Digital Integrated Circuit Design* (6 CP)	Communication Networks II (6 CP)	Optional Fundamentals (min. 10 CP)			Master's Thesis (30 CP)	
Technical Electrodynamics for iCE (5 CP)	Optical Communications I - Components (6 CP)	Elective Subject Area* (38-41 CP) min. 38 CP of min. 3 chosen subareas within min. 10 CP per subarea					
Communication Technology II (4 CP)	Studium Generale (6-9 CP)**						
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP

* Choice of Device Technology and Circuit Design; Electronic System Design; Communication Technology; Communication Systems; Communication Science and Media Technology; IT in Engineering, Computer Science, Mathematics, and Physics

** Business Administration, Languages or Miscellaneous (all modules from the departments 1, 2, 3 and 15)