





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

Mandatory Subject Area: 40-42 CP 
Elective Subject Area: at least 28 CP 
Studium Generale: 12-20 CP 
Research/Thesis: 30 CP 

Language of Tuition:
 ENGLISH
 certificates required

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
Core Competencies* (40-42 CP) (at least 7 Modules)			Master Thesis (30 CP)
Optionals (28-48 CP) (Communication Hardware <i>or</i> Communication Systems and Networking <i>or</i> Communication Algorithms)			
Optionals Supplements (0-10 CP) (All modules from the subareas Communication Hardware, Communication Systems and Networking and Communication Algorithms)			
Studium Generale (12-20 CP) (Humanities and Social Sciences <i>or/and</i> Entrepreneurship and Management <i>or/and</i> Engineering and Natural Sciences <i>or/and</i> Languages, Soft Skills <i>or/and</i> 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

Study Programmes
www.tu-darmstadt.de/studieren

Course Schedule
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)

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Information and Communication Engineering Master of Science



Brief Description

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

www.eit.tu-darmstadt.de

Admission

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

www.tu-darmstadt.de/application

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