

Module Overview B. Sc. Civil Engineering and Geodesy - Civil Engineering Profile (9 Semesters)

Degree Programme Guidelines as per 01.10.2016, Version 16.01.2017

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

- ▶ General Mandatory Modules (both profiles): 70 CP ■
- ▶ Mandatory Specialised Courses: 53 CP ■
- ▶ Regular Specialised Courses: 36 CP ■
- ▶ Optional General Courses: 6 CP ■
- ▶ Optional Specialised Courses: 6 CP ■
- ▶ Bachelor's Thesis: 9 CP ■

Language of Tuition:
GERMAN
Certificates required



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	9. Semester
Mathematics I (8 CP)	Mathematics II (8 CP)	Mathematics III (8 CP)				Geotechnics I (3 CP)	Bachelor's Thesis (9 CP)	
			Construction Technologies and Management A1 (3 CP)	Engineering Mechanics III (6 CP)	Theory of Structures I (6 CP)	Principles of Steel Design I (3 CP)		
Engineering Mechanics I (6 CP)	Engineering Mechanics II (6 CP)	Descriptive Geometry (6 CP)	Basics of Water Supply and Disposal (6 CP)	Basics of Engineering Informatics (6 CP)	Reinforced Concrete Structures I (3 CP)	Traffic I (6 CP)	Optional Specialised Courses** (6 CP)	
Chemistry I - Basics for Civil Engineering (3 CP)	Physics (8 CP)		Water Engineering, Water Management and Hydraulic (6 CP)	Construction Materials (8 CP)	Regular Specialised Courses* (36 CP)			
Introduction to Planning, Designing and Construction (6 CP)		Surveying I/II (8 CP)						
20 CP	21 CP	22 CP	19 CP	20 CP	21 CP	21 CP	21 CP	15 CP

* A main focus must be chosen from the regular specialised courses („Engineering Management“ or „Infrastructure Planning“ or „Constructive Civil Engineering“ or „Water and Environment“). 36 CP must be acquired in total from this area.

** Modules of the „Regular Specialised Courses“ area that have not been taken yet as well as further modules specified in the Degree Programme Guidelines.

*** Other courses from the TU Darmstadt course catalogue, which allow students to attend interdisciplinary classes