

Module Overview B. Sc. Environmental Engineering (12 Semesters)

Degree Programme Guidelines as per 01.04.2016, Version 16.01.2017

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

- ▶ **Mandatory Subject Area:** 103 CP ■
- ▶ **Elective Subject Area:** 50 CP ■
- ▶ **Bachelor's Thesis:** 9 CP ■
- ▶ **Technical Optional Area:** 12 CP ■
- ▶ **General Optional Area:** 6 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
Mathematics I (8 CP)	Mathematics II (8 CP)	Mathematics III (8 CP)	Basics of Water Supply and Disposal (6 CP)		
			Chemistry II for Engineers (3 CP)	Basics of Engineering Informatics (6 CP)	Technical Hydromechanics and Hydraulics I (6 CP)
Engineering Mechanics I (6 CP)	Engineering Mechanics II (6 CP)	Engineering Mechanics III (6 CP)	Introduction to Law (3 CP)	Data Acquisition and Geographical Information Systems (9 CP)	
Introduction to Planning, Designing and Construction (6 CP)		Chemistry I (3 CP)	Physics (8 CP)		Wahlpflichtbereich
					Allgemeiner Wahlbereich
17 CP	17 CP	17 CP	16 CP	15 CP	Ø 14 CP
7. Semester	8. Semester	9. Semester	10. Semester	11. Semester	12. Semester
Geology I (5 CP)				Bachelor's Thesis (9 CP)	
Basics of Environmental Sciences (6 CP)		Technical Optional Area (12 CP) <i>Choice of 12 CP from the specialisations which are not chosen in the Elective Subject Area</i>			
Elective Subject Area (50 CP) a) Professional profile (42 CP): Choose two out of four specialisations - Valuation and Modeling; - Water- and Ground Protection; - Spatial- and Infrastructure Planning; - Supply and Disposal b) Additional modules from other departments (8 CP)					
General Optional Area (6 CP) <i>General catalogue of modules at TU Darmstadt as well as specially arranged catalogues as recommendation</i>					
Ø 14 CP	Ø 14 CP	Ø 14 CP	Ø 14 CP	Ø 14 CP	Ø 14 CP