

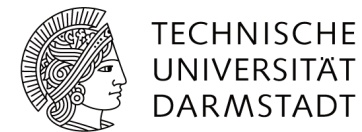
Module Overview B.Sc. Environmental Engineering (12 Semesters)

As per degree guidelines 01.10.2021, version 01.10.2021

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

Mandatory Subject Area - Engineering:	97 CP	■	Optional Subject Area:	33 CP	■
Mandatory Subject Area:	31 CP	■	General Optional Area:	7 CP	■
Research/Thesis:	12 CP	■			

Language of Tuition:
GERMAN
Certificates required



This leads to the following *possible* part-time study plan:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester
Mathematics I (6 CP)	Mathematics II (6 CP)	Measurement Technology - Data Acquisition and Geoinformation Systems (8 CP)		Mathematics III (6 CP)	Building Construction and Building Physics (6 CP)
Basics of Planning, Design and Construction I (6 CP)	Basics of Planning, Design and Construction II (6 CP)	Geometric Modelling and Visualisation I (3 CP)	Planning, Building, Land and Environmental Law (3 CP)	Basics of Engineering Computer Science (6 CP)	Construction Operations I (3 CP)
		Chemistry I (3 CP)	Chemistry II (3 CP)		Basics of Hydrology (3 CP)
Engineering Mechanics I (6 CP)	Engineering Mechanics II (6 CP)	Fundamentals of Environmental Sciences (6 CP)	Physics / Basic Physics Lab for Civil Engineering (8 CP)		Basics of Pipe and Channel Hydraulics (3 CP)
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP
7. Semester	8. Semester	9. Semester	10. Semester	11. Semester	12. Semester
Geotechnics I (3 CP)	Urban Water Management I (6 CP)	Microbiology and Ecology (6 CP)	Elective Subject Area <i>Select according to the recommended professional profiles</i> (33 CP)		Bachelor's Thesis (12 CP)
Basics of Process Engineering for Civil and Environmental Engineers (6 CP)		Materials in Construction (4 CP)			
Traffic I (6 CP)	Optional General Courses (7 CP) <i>General catalogue of the TU Darmstadt (except department 13) and language courses</i>				
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP