






Environmental Engineering (B.Sc.) - Effective 01 October 2021

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

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

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	5th semester	6th semester
Geometric Modelling and Visualisation I (3 CP)	Basics of Planning, Design and Construction II (6 CP)	Basics of Engineering Computer Science (6 CP)	Construction Operations I (3 CP)	Traffic I (6 CP)	Bachelor's Thesis (12 CP)
Basics of Planning, Design and Construction I (6 CP)	Mathematics II (6 CP)	Mathematics III (6 CP)	Building Construction and Building Physics (6 CP)	Geotechnics I (3 CP)	
Mathematics I (6 CP)	Physics/Basic Physics Lab for Civil Engineering (8 CP)		Basics of Hydrology (3 CP)		
Measurement Technology - Data Acquisition and Geoinformation Systems (8 CP)		Basics of Process Engineering for Civil and Environmental Engineers (6 CP)	Basics of Pipe and Channel Hydraulics (3 CP)		
Engineering Mechanics I (6 CP)	Planning, Building, Land and Environmental Law (3 CP)	Microbiology and Ecology (6 CP)	Urban Water Management I (6 CP)		
Chemistry I (3 CP)	Engineering Mechanics II (6 CP)	Materials in Construction (4 CP)	Optional Subject Area - Specialisation Choice of two specialisations of 12 CP each (24 CP)		
Fundamentals of Environmental Sciences (6 CP)	Chemistry II (3 CP)		Optional Subject Area Catalogue of Department 13 modules of all specialisations (9 CP)		
			General Optional Area General catalogue of all modules of the TU Darmstadt (7 CP)		

Study Programmes

www.tu-darmstadt.de/studieren

hobit – Information fair for pupils

www.hobit.de

TUday – Info day for prospective students

www.tu-day.de

Online Self-Assessment

www.self-assessment.tu-darmstadt.de

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)

Karolinenplatz 5, 64289 Darmstadt

Gebäude S1 | 01

email info@zsb.tu-darmstadt.de

Opening hours: www.zsb.tu-darmstadt.de

Imprint

Publisher

President of TU Darmstadt

Editorial office

Zentrale Studienberatung und
-orientierung ZSB

Please fold here

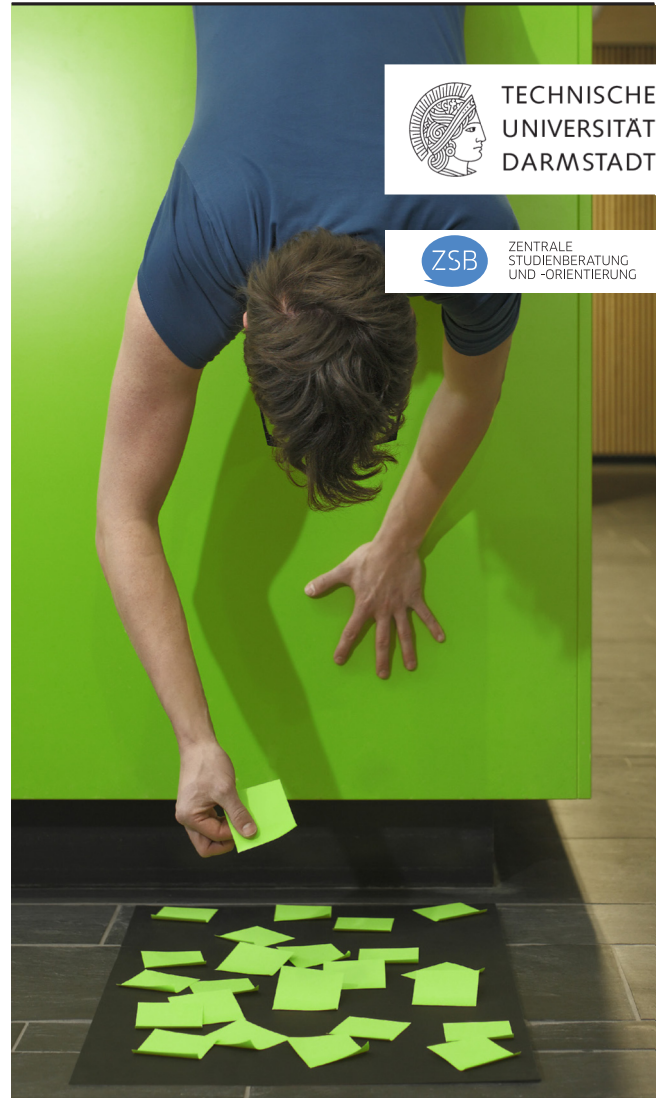
www.tu-darmstadt.de/international

For information on application deadlines please refer to

Admission

Environmental Engineering Bachelor of Science

Umweltingenieurwissenschaften (B.Sc.)



Design: DUBBEL SPÄTH, Darmstadt | Teilfoto: Gregor Schuster, Darmstadt

Department of
Civil and Environmental Engineering



Brief Description

Environmental Engineering addresses the problems of technical environmental protection as well as environmental planning. It is related to Civil Engineering and combines engineering disciplines with scientific ecological, legal, and other disciplines. The aspiration of environmental engineering is to contribute to solving environmental problems and to a sustainable utilization of scarce resources.

www.bauing.tu-darmstadt.de