

# Tropical Hydrogeology and Environmental Engineering (M.Sc.) - Effective 01 October 2021

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

|                                                                                    |                 |
|------------------------------------------------------------------------------------|-----------------|
| <b>Mandatory Subject Area:</b>                                                     | <b>18 CP</b>    |
| <b>Elective Subject Area:</b>                                                      | <b>66-72 CP</b> |
| - Specialisation in <b>Hydrogeology</b> <i>or</i> <b>Environmental Engineering</b> |                 |
| <b>Interdisciplinary Elective Area:</b>                                            | <b>0-6 CP</b>   |
| <b>Research/Thesis:</b>                                                            | <b>30 CP</b>    |

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               |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------|
|                                             | Scientific Methods<br>(6 CP)                                                                                                                                                                                                                                                                                                           | Semiarid Field Hydrogeology<br>(6 CP) | Master's Thesis<br>(30 CP) |
|                                             |                                                                                                                                                                                                                                                                                                                                        | Scientific Training<br>(6 CP)         |                            |
|                                             | Elective Subject Area<br>(66-72 CP)<br><br>Specialisation in Hydrogeology: e.g. Fundamentals of Geosciences, Hydrogeology, Hydrochemistry, Sedimentology;<br><i>or</i><br>Specialisation in Environmental Engineering: e.g. Integrated Water Management, Hydrogeology, Hydrochemistry, Geothermal Engineering, Geoinformation Systems. |                                       |                            |
| Interdisciplinary Elective Area<br>(0-6 CP) |                                                                                                                                                                                                                                                                                                                                        |                                       |                            |

Study Programmes  
[www.tu-darmstadt.de/studieren](http://www.tu-darmstadt.de/studieren)

Course Schedule  
[www.tucan.tu-darmstadt.de](http://www.tucan.tu-darmstadt.de)

Application and Admission for international students  
(International Office)  
[www.tu-darmstadt.de/international](http://www.tu-darmstadt.de/international)

Zentrale Studienberatung und -orientierung ZSB  
(Central Student Advisory and Orientation Office)

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64289 Darmstadt  
Building S1 | 01  
email [info@zsb.tu-darmstadt.de](mailto:info@zsb.tu-darmstadt.de)

Opening hours: [www.zsb.tu-darmstadt.de](http://www.zsb.tu-darmstadt.de)

## Imprint

|                         |                                                   |
|-------------------------|---------------------------------------------------|
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# Tropical Hydrogeology and Environmental Engineering Master of Science



## Brief Description

The objective of this Master course, which builds on a qualifying degree in a suitable geoscientific or comparable field, is the scientific education and specialisation of German and international geoscientists in order to deal with resource-, hazard-, hydrology-, and environmental management-related topics. The programme aims to provide students with the necessary knowledge and skills for solving problems associated with water exploitation, groundwater protection and soil conservation as well as provide an introduction to the geoscientific concerns associated with land use planning in tropical and sub-tropical areas.

[www.matgeo.tu-darmstadt.de](http://www.matgeo.tu-darmstadt.de)

## Admission

For information on application deadlines please refer to [www.tu-darmstadt.de/international](http://www.tu-darmstadt.de/international)

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