### Field of Study 4

# MSc Environmental Engineering FPSO 20221 Summer Term 2024

# Hydrogeology, Groundwater & Geothermal Energy



Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 9:30	Contaminant Transport and Remediation (E,6)  BGU66041  Transport of Contaminants in Groundwater [1/2]			The Saturated and the Unsat. Zone: Process Underst. a. Modelling (R,6) BGU66043 Model. Processes in the Vadose Zone [2/2]	
9.30	2408			Part [1/2] in the winter term 0602	
9:45 -	Case Studies in Technical Hydrogeology for EE (E,6) BGU66040	Case Studies in Technical Hydrogeology for EE (E,6) BGU66040		Hydrogeol. and Isotopic Methods for the Characteriz. of Groundwater Systems for EE (E,6)	
11:15	Practical Hydrogeology [1/2] 3404	Technical Hydrogeology [2/2] 3404		BGU66030 Environmental Isotopes [1/2]	
11:30 -		Scientific Work and Presentation Skills (CC-R,6) ED150006		09:45 – 12:15 See page 2 for part [2/2] 2408	
13:00		Scientific Methods and Presentation Skills [1/2] 0220	Advanced Hydrological Modeling with Machine Learning and Earth Observations (E,3)		
13:15 -		Scientific Work and Presentation Skills (CC-R,6) ED150006	ED130033 11:45 – 14:45	Contaminant Transport and Remediation (E,6) BGU66041	
14:45		Scientific Methods and Presentation Skills - Exercise [2/2] 0220	N3823	Erkundung und Sanierung von Grundwasserschadensfällen [2/2] 2408	
15:00 -					
16:30					
16:45 -					
18:15					

This schedule is valid for students of the study regulations FPSO20211 (start of the program from the winter term 2022-23)

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## Hydrogeology, Groundwater & Geothermal Energy



### Further modules in this term

Hydrogeological and Isotopic Methods for the Characterization of Groundwater Systems for Environmental Engineers (E.6)

BGU66030

Hydrogeological Methods - Field Course [2/2]
One week of field work after the end of the lecture period → TUMonline for details

See page 1 for part [1/2]

Applied Hydrogeology for Environmental Engineers (E,3)

BGU66025

First half of Semester part of Case Studies in Technical Hydrogeology for EE

For the beginning dates of the courses and detailed weekly schedules please check TUMonline using the respective Course-No. Students registered for the courses will be automatically notified about changes.

This schedule is valid for each summer term. In case of overlapping courses, there is another chance to take one in the next year.

#### **Modules and Courses**

## What is a Module?

A module is a didactic unit consisting of one or more thematically related courses. The module is completed by the "module examination", which is in most cases a single exam covering all of the module's courses. The ECTS-credit points are granted for the whole module after a successful participation in the module examination.

## **How to read the timetable:**

