MSc Environmental Engineering FPSO 20221 Summer Term 2024

Field of Study 3 Hydraulic Engineering



Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 - 9:30		Introduction to Machine Learning and Applications in Hydraulic and Hydro-Morphology (E,6) ED130007			
9:45 - 11:15		Introduction to Machine Learning and Applications in Hydraulic and Hydro- Morphology			<u>Hydropower – Economics,</u> <u>Operation and Digitalization (E,3)</u> ED130034
		2607			Hydropower – Economics, Operation and
11:30 -		Scientific Work and Presentation Skills (CC-R,6) ED150006			Digitalization Single day block courses 08:00 – 14:00
13:00		Scientific Methods and Presentation Skills [1/2] 0220			2601
13:15 -		Scientific Work and Presentation Skills (CC-R,6) ED150006	River Engineering and Hydromorphology (R,6) BGU46035		
14:45		Scientific Methods and Presentation Skills - Exercise [2/2] 0220	River Eng. and Hydromorphology [2/2]Part [1/2] in the winter term0534[2/2] also available in the winter term		
15:00 -		Project work Hydrological Dam Design (E,3) ED130032		Project work Hydrological Dam Design (E,3) ED130032	
16:30		Project work Hydrological Dam Design (Group 1)		Project work Hydrological Dam Design (Group 2)	
16:45 -			Praxisbeispiele aus dem konstruktiven Wasserbau (E,3) ED130031		
18:15		2605	Praxisbeispiele aus dem konstruktiven Wasserbau 0670ZG	2605	

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

All information without guarantee, for exact times and rooms, course cancellations, etc., please refer to TUMonline.

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Further modules in this term

Verkehrswasserbau und Wasserstraßen (E,3) BV460019

Single day block courses \rightarrow TUMonline for details

Hydraulics in Water Engineering Laboratory (E,3)

BGU46032 Single day block courses in Obernach → TUMonline for details

Rivers as an Ecosystem (E,6)

BV460012Single day block courses \rightarrow TUMonline for details

Modelltechnische und flussbauliche Übungen an der Versuchsanstalt Obernach (E,3) BGU46033

One week block lab exercise in Obernach after the end of the lecture period \rightarrow TUMonline for details

River Management - Technical, Ecological and Practical Aspects (E,6), two-semester course

BGU46047 Modeling of Habitat for Fish and Invertebrates in Rivers [1/2] Single day block courses → TUMonline for details Part [2/2] in winter term: Sustainable river management – technical and ecological needs

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:

