MSc Environmental Engineering FPSO 20221 Summer Term 2025

Cross Cutting Methods



Uhrzeit	Montag		Dienstag		Mittwoch		
8:00			Renewable Energy Technology	/ 2 (E,3)			
9:30			MW1476 Renewable Energy Technology II				
9:45 -			8:30 - 10:00	004, HS1, Interims II, Garching	System-Theoretical Prin Project Management (E, ED130018	3) Hig	oduction to Parallel h Performance gramming (E,4)
11:15					System-Theoretical Principles Management [1/2]	of Project ED1	40022 0 – 12:00 01.7894.103, Auditorium
11:30 -			Scientific Work and Present. Skills (R,6) ED150006		System-Theoretical Principles of Project Management (E,6) ED130018 Artificial Intelligence in Engineering (E,3) BGU65009		gineering (E,3)
13:00			Scientific Methods and Presentation Skills [1/2] 0220		Tutorial System-Theoretical Principles of Project Management [2/2] Artificial Intelligence in Engineering		ficial Intelligence in
13:15 -	Internet of Things in the Built Environment (E,6) ED110046		Scientific Work and Presentation Skills (R,6) ED150006	Risk Assessment and Reliability of Engineering Systems (E,6)			Application of an Life Cycle Assessment for
14:45	Geo Sensor Networks and the Internet of Things		Scientific Methods and Presentation Skills - Exercise [2/2] 0220	BGU60021			Civil Engineering (E,6) BGU62059
15:00 -	13:30 – 17:30				Applied Remote Sensing (E,3) ED110182	Scientific Paper Writing (E,3) BV400016	Application of an Life Cycle Assessment 13:15 – 16:30
16:30	A			Risk Assessment and Reliability of Engineering Systems	Applied Remote Sensing 2770	Scientific Paper Writ 15:00 – 15:45	Estimation of rare events and failure
16:45 -	0790	Integral Transform Methods (E,3) BV430002	Structural Dynamics (E,6) BV430008				probabilities (E,3) BGU60018
18:15		Integral Transform Methods - Theory and Application N1090	Structural Dynamics Seminar [2/3] N1090	0540			15:00 – 17:30 N3823

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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Donnerstag	Freitag			
	System-Theoretical Principles of Risk Management for Business Processes and Real Estate Business Processes (E,6) Ent30019	Climate Change (E,6) [1/2] WZ8088 Part [2/2] see page 3 OR		
	System-Theoretical Principles of Risk Management for Business Processes and Real Estate Business Processes [1/2]	Fundamentals of Climate Change (E,3) WZ8100 Climate Change 0602		
	System-Theoretical Principles of Risk Management for Business Processes and Real Estate Business Processes (E,6)	Technical Acoustics (E,6) [1/2] BGU43012T2 Part [2/2] in the winter term OR		
	Tutorial System-Theoretical Principles of Risk Management for Business Processes and Real Estate Business Processes [2/2] 0601	Introduction into Technical Acoustics (E,3) BV000122 Technical Acoustics 1 N1070		
	Structural Dynamics (E,6) BV430008	Professional Software Development (E,3) BV650003		
	Structural Dynamics Lecture [1/3] N1070	Professional Software Development Computer lab 3238		
	Structural Dynamics (E,6) BV430008			
	Structural Dynamics Tutorial [3/3] N1070			
		Processes and Real Estate Business Processes (E.6) ED130019 System-Theoretical Principles of Risk Management for Business Processes and Real Estate Business Processes [1/2] System-Theoretical Principles of Risk Management for Business Processes and Real Estate Business Processes (E.6) ED130019 Tutorial System-Theoretical Principles of Risk Management for Business Processes and Real Estate Business Processes [2/2] Structural Dynamics (E.6) BV430008 Structural Dynamics Lecture [1/3] N1070 Structural Dynamics (E.6) BV430008 Structural Dynamics Tutorial [3/3]		

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Further modules in this term

Boundary Element Method (E,3)

BV020007

One week block course > TUMonline for details

Climate Change (E,6)

WZ8088

Climate change applied: from impact to mitigation [2/2]

Project work → TUMonline for details

Geodatenharmonisierung (E,3)

BV470003

Geodatenharmonisierung

Seminar Work with single presence days → TUMonline for details

Project Lab Renewable and Sustainable Energy Systems (E,6)

EI74831

Project and lab work → TUMonline for details

Software Lab (E,6)

BV030004

Software Praktikum / Software Lab

workload in summer and winter term Consultation dates → TUMonline

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:

