

Environmental and Resource Management – Environmental Engineering, MSc – Preliminary Timetable WiSe 2025/26

	Monday	Tuesday	Wednesday	Thursday	Friday
07.30 hrs – 09.00 hrs			13234 - Communication of Science & Technology (MCA) (Lee) 510601 Lecture /Seminar LG3A - 338	44419 - Wastewater and Sludge Treatment <i>Pre MAP</i> (Martienssen) 230506 Lecture, AB ZHG LH B	
09.15 hrs – 10.45 hrs		44419 - Wastewater and Sludge Treatment <i>Pre MAP</i> (Martienssen) 230506 Seminar, AB LG 4B B3.22	13234 - Communication of Science & Technology (MCA) (Lee) 510601 Lecture /Seminar LG3A - 338	13832 - Optimization in Process and Energy Systems Engineering <i>MAP</i> (Arellano-Garcia) 360331 – Optimization in Process and Energy Systems Engineering Lecture/exercise, AB LG 4/3 – 322 (Campus Nord)	14069 - Biomass and Bioenergy <i>Pre. MAP</i> (Leuner) 538908 – Biomass and Bioenergy Seminar, AB LG 2C 315
				14506 - Advanced Geophysical Methods in Natural Resource Investigation (ANRI) (MCA) (Sturm; Herd) 240813 – ANRI Lecture, AB LG 10 505	
11.30 hrs – 13.00 hrs	41421 - Introduction to Environmental and Resource Management II <i>Pre. MAP</i> (Beckmann) 240230 – Intro to ERM II Lecture/Exercise, AB ZHG Audimax 2	14874 - An introduction to basic algorithms to solve environmental and resource management optimization problems (MCA) (Sturm) 240913 Lecture/Seminar, AB, LG 3B – 101 Limited number of participants		13832 Optimization in Process and Energy Systems Engineering <i>MAP</i> (Arellano-Garcia) 360331 – Optimization in Process and Energy Systems Engineering Lecture/exercise, AB LG 4/3 – 322 (Campus Nord)	14069 - Biomass and Bioenergy <i>Pre. MAP</i> (Leuner) 538908 – Biomass and Bioenergy Seminar, AB LG 2C 315
	14725 - Industrial Heating Systems and their Defossilization (MCA) (Stathopoulos) 322301 Lecture/Seminar, AB LG 3A – 353 Limited number of participants			14506 - Advanced Geophysical Methods in Natural Resource Investigation (ANRI) (MCA) (Sturm; Herd) 240813 – ANRI Lecture, AB LG 10 505	

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13.45 hrs – 15.15 hrs	<u>41421 - Introduction to Environmental and Resource Management II</u> <i>Pre. MAP</i> (Beckmann) 240230 – Intro to ERM II Lecture/Exercise, AB ZHG Audimax 2		<u>14725 - Industrial Heating Systems and their Defossilization</u> <i>(MCA)</i> (Stathopoulos) 322301 Lecture/Seminar, AB Panta Rhei – B200		
15.30 hrs – 17.00 hrs	<u>42421 - Natural Resource Investigation</u> <i>MCA</i> (Herd) 240809 - Prospection and Exploration of Natural Resources Lecture, AB LG 4B B3.19		<u>14642 – Machine Learning for Engineers</u> <i>(Pre. MAP)</i> (Härtel; Sahin) 340520 Lecture, AB LG 3A - 406	<u>12165 - Renewable Energy Technologies for Power Supply</u> <i>MCA</i> (Röntzsch) 320461 Lecture, AB GH Limited number of participants	
				<u>13831 – Process Simulation in Chemical and Process Engineering</u> <i>MAP</i> (Arellano-Garcia; Dorneanu) Lecture/Exercise, AB LG4B B3.20	
				14642 – Machine Learning for Engineers <i>(Pre. MAP)</i> (Härtel; Sahin) 340520 Exercises, AB FZ3H – 1.06	
17.30 hrs – 19.00 hrs		<u>13657 – How to Talk about Nature?</u> <i>(MCA)</i> (Rodriguez) 510112 - How to talk about “Nature” – Lecture Lecture, AB LG 3A 338	<u>13517 – CFD Seminar</u> <i>MAP</i> (Schmidt) 350411 CFD Seminar, AB LG 3A 324	<u>12165 - Renewable Energy Technologies for Power Supply</u> <i>MCA</i> (Röntzsch) 320461 Lecture, AB GH Limited number of participants	
				<u>13831 – Process Simulation in Chemical and Process Engineering</u> <i>MAP</i> (Arellano-Garcia; Dorneanu) Lecture/Exercise, AB LG4B B3.20	

Further Information to Compulsory Elective Modules

42421 - <u>Natural Resource Investigation</u> MCA, (Herd)	240804 - Introduction to coal petrology Lecture/Exercise, more information from lecturer. Thursday Dec 4 th , 09.15 – 13.00 hrs, LG4B B3.18 Friday Dec 5 th , 09.00 – 13.00 hrs, LG4B B3.19 Wednesday Jan 7 th 11.30 – 13.00 hrs, LG4B B3.18 Block, Dec 8 th – 12 th , 09.00 – 17.00 LG10 512
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	Important Information: https://www.b-tu.de/fq-rohstoff-und-ressourcenwirtschaft/lehre/materialien/scripts-for-download
11229 – Information Management in Hydroinformatics Systems, MCA, (Molkenthin)	First meeting will be announced soon
11225 – Numerical Simulation: Free Surface and Groundwater Modelling, MCA, (Molkenthin)	First meeting will be announced soon
35303 - Power system economics I	Please contact caron.pomp@b-tu.de for a Moodle login!

Complementary Modules

13822 - Biodiversity of terrestrial arthropods ; MCA, (Birkhofer; Lanya)	240750, Biodiversity, Thursday 15.30-17.00 hrs, AB, LG2C 215, This module is not registered as an ERM module. Please request permission from the ERM Examination Board to recognise the credit points.
14723 – Management Tools ; MAP, (Fien)	Block Seminar 26.01 – 30.01.2026, 9.00-17.00 hrs, is offered completely online. (Moodle)

Abbreviations;

A	Week A – fortnightly	ZHG	Zentrales Hörsaal Gebäude / Audimax Building	MAP	Module with final Examination
B	Week B – fortnightly	LG	Lehrgebäude / Lecture building	Pre. MAP	Module with Prerequisite for the Final Examination
AB	Weeks A and B – every week	LH	Hörsaal / Lecture hall	MCA	Module with Continuous Assessment
ZB VI	Zwischinbau VI	SR	Seminar rooms 1 to 4 in ZHG	TB	Module with Limited Number of Participants
GH	Großer Hörsaal / Main old lecture hall	SPZ	Sprachenzentrum / Language Center	FZ3H	Forschungszentrum 3H
HG	Hauptgebäude / Main Building	CaNo	Campus Nord	AZFD	Anwendungszentrum Fluidodynamik
MZG	Mehrweckgebäude				

Mandatory module	Environmental Engineering	Environmental Management (Environmental Economics, Planning and Law)	Environmental Sciences	Module Number – Module Title Module Type (Lecturer) course number 123456 – title of the Course lecture weeks A/B Building; Room
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