

Environmental and Resource Management – Environmental Engineering, MSc – Preliminary Timetable WiSe 2026/27

	Monday	Tuesday	Wednesday	Thursday	Friday
07.30 hrs – 09.00 hrs			<u>13234 - Communication of Science & Technology</u> (MCA) (Lee) <u>510601</u> Lecture /Seminar LG3A - 338		
09.15 hrs – 10.45 hrs	<u>44419 - Wastewater and Sludge Treatment</u> <i>Pre MAP</i> (Riedel) <u>230506</u> Lecture, AB LB 4 - B3.19	<u>44419 - Wastewater and Sludge Treatment</u> <i>Pre MAP</i> (Riedel) <u>230506</u> Seminar, AB LB 4 - B3.22	<u>13234 - Communication of Science & Technology</u> (MCA) (Lee) <u>510601</u> Lecture /Seminar LG3A - 338	<u>13832 - Optimization in Process and Energy Systems Engineering</u> <i>MAP</i> (Arellano-Garcia) 360331 – Optimization in Process and Energy Systems Engineering Lecture/exercise, AB LG 4/3 – 322 (Campus Nord)	<u>13833 Analysis and Modelling of Human-Environment Systems</u> (MCA) (Müller) 240921 Lecture / Exercis, B Starts from the 9th of Oct and then every two weeks LB 4B – B3.18
				<u>14506 - Advanced Geophysical Methods in Natural Resource Investigation (ANRI)</u> (MCA) (Sturm; Herd) 240813 – ANRI Lecture, AB LG 10 505 Limited number of participants	
11.30 hrs – 13.00 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>14874 - An introduction to basic algorithms to solve environmental and resource management optimization problems</u> (MCA) (Sturm) 240913 Lecture/Seminar, AB, LG 3B – 101 Limited number of participants		<u>13832 Optimization in Process and Energy Systems Engineering</u> <i>MAP</i> (Arellano-Garcia) 360331 – Optimization in Process and Energy Systems Engineering Lecture/exercise, AB LG 4/3 – 322 (Campus Nord)	<u>13833 Analysis and Modelling of Human-Environment Systems</u> (MCA) (Müller) 240921 Lecture / Exercis, B Starts from the 9th of Oct and then every two weeks LB 4B – B3.18
	<u>14725 - Industrial Heating Systems and their Defossilization</u> (MCA) (Stathopoulos) 322301 Lecture/Seminar, AB LG 3A – 353 Limited number of participants			<u>14506 - Advanced Geophysical Methods in Natural Resource Investigation (ANRI)</u> (MCA) (Sturm; Herd) 240813 – ANRI Lecture, AB LG 10 505 Limited number of participants	
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>13655 - Un/Disciplining Knowledge: Technology, Science, and Society in Transformation</u> <i>MCA</i> (Koycheva) 510151 Un/disciplining Knowledge Seminar, AB Online	<u>14725 - Industrial Heating Systems and their Defossilization</u> (MCA) (Stathopoulos) 322301 Lecture/Seminar, AB Panta Rhei – B200		<u>13833 Analysis and Modelling of Human-Environment Systems</u> (MCA) (Müller) 240921 Lecture / Exercis, B Starts from the 9th of Oct and then every two weeks LB 4B – B3.18

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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 LB 4 - B3.19	<u>13655 - Un/Disciplining Knowledge: Technology, Science, and Society in Transformation</u> <i>MCA</i> (Koycheva) 510151 Un/disciplining Knowledge Seminar, AB Online	<u>14642 – Machine Learning for Engineers</u> <i>(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>13833 Analysis and Modelling of Human-Environment Systems</u> <i>(MCA)</i> (Müller) 240921 Lecture / Exercis, B Starts from the 9th of Oct and then every two weeks LB 4B – B3.18
			<u>14781 - Biological Methods for Biomass and Waste Treatment</u> <i>(MCA)</i> (Abendroth) <u>238117</u> Lecture/Seminar, AB ZHG – SR 2 Limited number of participants	<u>13831 – Process Simulation in Chemical and Process Engineering</u> <i>MAP</i> (Arellano-Garcia; Dorneanu) Lecture/Exercise, AB LB 4B B3.20	
				<u>14642 – Machine Learning for Engineers</u> <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/Seminar, AB ZHG – SR 1 Ends at 20:30 Limited number of participants	<u>13517 – CFD Seminar</u> <i>MCA</i> (Schmidt) 350411 CFD Seminar, AB LG 3A 324 Starts at 5.15 pm	<u>12165 - Renewable Energy Technologies for Power Supply</u> <i>MCA</i> (Röntzsch) 320461 Lecture, AB GH Limited number of participants	
		<u>13655 - Un/Disciplining Knowledge: Technology, Science, and Society in Transformation</u> <i>MCA</i> (Koycheva) 510151 Un/disciplining Knowledge Seminar, AB Online	<u>14781 - Biological Methods for Biomass and Waste Treatment</u> <i>(MCA)</i> (Abendroth) <u>238117</u> Lecture/Seminar, AB ZHG – SR 2 Limited number of participants	<u>13831 – Process Simulation in Chemical and Process Engineering</u> <i>MAP</i> (Arellano-Garcia; Dorneanu) Lecture/Exercise, AB L B 4B B3.20	

Further Information to Compulsory Elective Modules

42421 - <u>Natural Resource Investigation</u> <i>MCA</i> , (Herd)	240804 - Introduction to coal petrology Lecture/Exercise, more information from lecturer. Thursday Dec 3 rd , 09.15 – 13.00 hrs, LG 10 – 530a Friday Dec 4 th , 09.00 – 13.00 hrs, LG 10 – 530a Wednesday Jan 6 th 11.30 – 13.00 hrs, LG 10 – 530a Block, Dec 7 th – 11 th , 09.00 – 17.00 LG10 512 Important Information: https://www.b-tu.de/fg-rohstoff-und-ressourcenwirtschaft/lehre/materialien/scripts-for-download
11229 – Information Management in Hydroinformatics Systems , <i>MCA</i> , (Molkenthin)	First meeting will be announced soon
11225 – Numerical Simulation: Free Surface and Groundwater Modelling , <i>MCA</i> , (Molkenthin)	First meeting will be announced soon
11228 - Modelling Process in Hydroengineering Projects , <i>(MCA)</i> , (Molkenthin; Wendland)	First meeting will be announced soon
<u>13517 – CFD Seminar</u> , <i>MCA</i> , (Schmidt)	Block on Mon. 15th of Dec from 9.00 – 13.00 hrs, AFZD 3.22

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Complementary Modules

<u>14723 – Management Tools</u> ; <i>MAP</i> , (Fien) Limited number of participants	Block Seminar 18.01 – 22.01.2027, 9.00-17.00 hrs, is offered completely online. (Moodle)
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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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