

# Stundenplan

Bachelor Geowissenschaften, 1. Studienjahr - Wintersemester 2024/25

Zeit	Montag	Dienstag	Mittwoch	Donnerstag	Freitag
8 - 9		Chemie Hupf	Vom Atom zum Mineral Ü Diehl, Klar	Physik für Naturwissenschaftler (3 Gruppen) Warneke	Gesteinbestimmung, 1. K. Pape, Römer, Streuff
9 - 10					
10 - 11	Chemie Hupf	Dynamik der Erde Bohrmann, Lisker	Physik für Naturwissenschaftler Warneke		Physik für Naturwissenschaftler Praktikum (alle 3 Wo) Sebald
11 - 12					
12 - 13	Mathem. Grundlagen d. Geow. I V Prange		Chemie Ü, 1. Kurs Hupf	Physik der Erde I Huhn-Frehers	
13 - 14					
14 - 15	Mathem. Grundlagen d. Geow. I Ü Prange		Chemie Ü, 2. Kurs Hupf		Einführung Praktikum (erste 3 Wo) Physik für Naturwissenschaftler Sebald
15 - 16					
16 - 17					
17 - 18					
18 - 19					

Blockkurse	Einführung in die Geländearbeit	Bohrmann, Streuff	23. - 29.03.2025
	Digitale Kompetenzen - Excel	v. Dobeneck	24.02. - 28.02.2025 od. 10. - 14.03.2025
	Digitale Kompetenzen - GIS	Haas, Miramontes Garcia	10.- 14.02.2025 od. 03. - 07.03.2025

# Stundenplan

Bachelor Geowissenschaften, 2. Studienjahr - Wintersemester 2024/25

Zeit	Montag	Dienstag	Mittwoch	Donnerstag	Freitag
8 - 9		Grundl. Sedimentologie Miramontes			
9 - 10					
10 - 11				Einf. Geotechnologien Kopf	sediment. Lagerstätten Müller
11 - 12					
12 - 13	GMT (18., 25.11., 02.12.) 2 Kurse (1. D/2. EN) Schlindwein			Einf. Hydrogeologie Hamer, Pichler	
13 - 14					Polarisationsmikros- kopie (3 Kurse) Lisker, Spiegel-Behnke
14 - 15		wiss. Schreiben Bohrmann, Streuff			
15 - 16					
16 - 17	Einf. Petrologie Kahl	geolog. Labormethoden Baum., Kopf, Miram., Vogt, Zhang	Grundl. angew. Geophysik Eagles, Eisen, NN, Schwenk		
17 - 18					
18 - 19	Übungen Petrologie Kahl				
19 - 20					

Blockkurse	geophysikalische Stationsgeländeübung	Eagles, Fred., Geissler, NN, Schwenk	17.-21.03.2025
	digitale Kompetenzen: GIS, Python	Haas, Klar, Miramontes Garcia	10. - 14.02.25. od. 03. - 07.03.25 (GIS), 17. - 21.02.25 (Pyth.)
	Kartierkurs	NN	Sep 25

# Stundenplan

Bachelor Geowissenschaften, 3. Studienjahr - Wintersemester 2024/25

Zeit	Montag	Dienstag	Mittwoch	Donnerstag	Freitag	
8 - 9		Structural Imaging Spieß, Schwenk		Basic Concepts of Sediment Dynamics Iversen, Pohl		
9 - 10						
10 - 11					Spurenelement- und Isotopengeochemie Kasemann	Basics of organic Geochemistry Elvert, Hinrichs
11 - 12		Material Properties and Downhole Measurements Spieß				
12 - 13	Geomagnetism v. Dobeneck			Marine Micropaleontology Baumann, Jackson, Jonkers, Meilland, Morard, Zonneveld		
13 - 14		Altlasten Hamer, Seiter				
14 - 15	Seismology Schlindwein					
15 - 16						
16 - 17	Gesteinsmetamor- phose Spiegel-Behnke	Röntgenogr. Phasenanalyse Birkenstock				
17 - 18						
18 - 19						
19 - 20						

Blockkurse	Lab Course in organic Geochemistry	Elvert, Schubotz	17.02. - 28.02.25
	Coastal Processes	Bartolomä, Hebbeln	n.V.
	Hydrogeologische Praxis	Hamer, Hansen	07. - 11.10.2024
	min. 4 Wochen Berufspraktikum	Schulz	eigenverantwortlich
	GS: fachübergreifende Kompetenzen	Ventura	eigenverantwortlich

# Time Table

Bachelor Marine Geosciences, 1st year of studies - winter semester 2024/25

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 - 9	General Chemistry f. Geosc. L Murshed			From Atoms to Minerals E Kasemann, Macedo de Paula Santos, Schmidt	
9 - 10					
10 - 11	General Chemistry f. Geosc. E Wollbrink		General Chemistry f. Geosc. L Murshed		
11 - 12					
12 - 13	Identific. Rocks (1st course) Spiegel-Behnke, Westerhold	Earth Dyamics Spiegel-Behnke	Physics for Natural Science I L Warneke,	Physics for Natural Science I Practice (every 3 weeks) Sebald	
13 - 14					
14 - 15	Identific. Rocks (2nd course) Spiegel-Behnke, Westerhold	Fund. Mathematics for Geosc. I L Prange	From Atoms to Minerals L Kasemann, Macedo de Paula Santos, Schmidt		Introduction to Practice Physics for Natural Science I (first 3 weeks) Sebald
15 - 16					
16 - 17		Fund. Mathematics for Geosc. I E Prange	Physics Nat. Science I E, Warneke	Physics of the solid Earth I Gudipati, Pérez-Gussinyé	
17 - 18			Physics Nat. Science I E, Warneke		
18 - 19					

Blocked Courses	Introduction to Geoscientific Fieldwork	Mollenhauer, Westerhold	March 26-29, 2025
	digital Competences: Excel	v. Dobeneck	Feb. 24-28, 2024 or March 10-14, 2025
	digital Competences: QGIS	Haas, Miramontes Garcia	Feb. 10-14, 2025 or March 03-07, 2025

# Time Table

Bachelor Marine Geosciences, 2nd year of studies - winter semester 2024/25

Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8 - 9		Climate and Ocean Jennerjahn, Pälke		Multidisciplinary Sediment Core Project & Stratigraphy marine Sediments Bickert, Esper, Frederichs, Kasten, Kucera, Mollenhauer, Pälke, Rendle-Bühning, Tiedemann	Polarized-Light Microscopy, 3 courses Lisker, Spiegel-Behnke	
9 - 10	Introduction marine Geology Bohrmann, Streuff					
10 - 11						
11 - 12	Princ. Petrology E Bach					
12 - 13	GMT (Nov. 18, 25 + Dec. 02) 2 courses (1.German/2. EN) Schlindwein	Fundamentals of applied Geophysics Eagles, Eisen, NN, Schwenk				
13 - 14						
14 - 15						Pinciples of Sedimentology Miramontes Garcia
15 - 16						
16 - 17			Pinciples of Petrology L Bach			
17 - 18						
18 - 19						

Blocked Courses	Ship-based Survey for marine Sediments	Bohrmann, Pape, Römer, Streuff	March 31 + Apr. 01, 2025
	Geophysical Field Exercise	Eagles, Fred., Geissler, NN, Schwenk	March 17-21, 2025
	digital Competences: Python	Klar	Feb. 17-21, 2025
	digital Competences: QGIS	Miramontes, Haas	Feb. 10-14, 2025 or March 03-07, 2025

# Time Table

Bachelor Marine Geosciences, 2nd year of studies - winter semester 2024/25

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 - 9	Paleoceanography - Core Lab and Field Studies Bickert, Mohtadi, Mollenhauer	Structural Imaging Schwenk, Spieß	Introduction Data Visualization Pälike	Basic Concepts of Sediment Dynamics Iversen, Pohl	
9 - 10					
10 - 11					Basics of organic Geochemistry Elvert, Hinrichs
11 - 12	Geomagnetism v. Dobeneck	Material Properties and Downhole Measurements Schwenk, Spieß	Data Vis. GIS NN		
12 - 13				Marine Micropaleontology Baumann, Jackson, Jonkers, Meiland, Morard, Zonneveld	
13 - 14					
14 - 15	Seismology Schlindwein				
15 - 16					
16 - 17					
17 - 18					

Blocked Courses	min. 4 week Professional Internship	Mörs	self organized
	GS: interdisciplinary competences	Ventura	self organized
	Lab Course in organic Geochemistry	Elvert, Schubotz	Feb. 17 - 28, 2025
	Coastal Processes	Bartolomäe, Hebbeln	March 10-14, 2025

# Stundenplan - Time Table

Master Applied Geosciences, 1. Studienjahr/ 1st year of studies - winter semester 2024/25

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 - 9	Appl. Geophysics - Methods Eagles, Geissler, NN, Schwenk, Spieß, Zhang		Tracer/Isotopenhydrogeologie Pichler	Fluss- und Küstenmanagement Lefebvre, Hamer	
9 - 10					
10 - 11			Grundwasserbeschaffenheit Hamer		
11 - 12					
12 - 13	Renewable Energy in the Earth System Gottschall, Keil, Lange, Spieß		angew. Hydrogeol. Hamer, Panteleit		Ingenieurgeologie Ikari, Kreiter
13 - 14					
14 - 15			Introduction to Glaciology Humbert		Ing. geol. Seminar Ikari, Kreiter
15 - 16					
16 - 17	Catastrophic Hazard Events Harig, Huhn-Frehers, Kopf, Schlindwein		Field Methods in Glaciology Eisen	Petrological Methods in Ore Geology Bach, Kasemann, Klügel, Macedo de Paula Santos	Ingenieurgeolog. Praktikum Ikari, Kreiter
17 - 18					
18 - 19					
19 - 20					

Blocked Courses	advanced geological mapping Course	Bach, Diehl	Mar. 24 - Apr. 04, 2025
	Flus- und Küstenmanagement, Exkursion	Hamer, Lefebvre	b.a.
	adv. dig. Comp.: several courses	Huhn-Frehers, Laepple, Péres Gussinyé, Spieß, Stange	Feb. 17-21 or Feb. 24-28 or Mar 03-07, 2025

# Time Table

Master Marine Geosciences, 1st year of studies - winter semester 2024/25

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 - 9		Evolution of marine Ecosystems Kasemann, Lehmann, Zonneveld	Inorganic Geochem. Holtappels, Kasemann, Kasten	Environm. Magn. Frederichs, Zhang	Sedimentary Structures of Shelves & Passive Margins Miram., Rendle-B., Schwenk, Spieß
9 - 10				Marine Ecosys. Mülitz	
10 - 11			Marine Microbes Wegener	Terrigen. Sign. Schefuß, Geibert	
11 - 12			Molecular Geochem. Elvert, Hinrichs	Stable Isotopes - Trace El. Bickert	
12 - 13				Geoph. Survey Strat. & Planning Keil, Schwenk, Spieß	
13 - 14					Role of high lat. Oceans Müller, Stein
14 - 15		Magmatic and Hydrothermal Processes Bach, Klügel	Hydr. Form & Petr. Expl. Stein	Observation Technologies Kopf	Earth System Modelling Schulz
15 - 16					
16 - 17					
17 - 18					
18 - 19					

Blocked Courses	adv. dig. Comp.: several courses	Huhn-Frehers, Laepple, Péres Gussinyé, Spieß, Stange	Feb. 17-21 or Feb. 24-28 or Mar 03-07, 2025
	Field and Lab Practice	Bickert	b.a.
	Applied Petroleum Geology	Fleckenstein	Feb 10-14, 2025



# Time Table

Master Materials Chemistry and Mineralogy, 1st year of studies - winter semester 2024/25

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 - 9			Solid State Physics Zielasek		
9 - 10				Surfaces and Interfaces Zielasek	
10 - 11	Materials Analysis I I.Spieß		Introduction to Materials Colombi Ciacchi, Fischer, Okulov, Pohrel, Rezwan	Materials Resources Vogt	
11 - 12					
12 - 13				Phase Diagrams and Relationship Bach	
13 - 14					
14 - 15			Introduction to Cryst. Schmidt	X-ray Diffr. E Birkenstock	
15 - 16					
16 - 17	X-ray Diffr. L Birkenstock	Solid State Chemistry Gesing			
17 - 18					
18 - 19					
19 - 20					

# Time Table

Master Materials Chemistry and Mineralogy, 2nd year of studies - winter semester 2024/25

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 - 9				Bioceramics Maas, Rezwan	
9 - 10					
10 - 11					
11 - 12					
12 - 13		Programming Klar			Ceramic Nan.tech. II Maas, Rezwan
13 - 14					
14 - 15					
15 - 16					
16 - 17				Petrological Methods in Ore Geology Bach, Kasemann, KlÜgel, Macedo de Paula Santos	
17 - 18					
18 - 19					
19 - 20					

Blocked Courses	GS: general Studies compulsory Course	diverse	by indiv. Arrangem.
	Research Module Mineralogy I	diverse	by indiv. Arrangem.
	Research Module Mineralogy II	diverse	by indiv. Arrangem.
	Research Module Chemistry I	diverse	by indiv. Arrangem.
	Research Module Chemistry II	diverse	by indiv. Arrangem.