

List of English courses offered at the University of Oldenburg in winter semester 2024/2025
winter semester 2024/2025

Department	VAK	Title	Type	SWS	Teachers	Degree
Institute for Biology and Environmental Sciences	5.02.657	Current topics in Ornithology	Seminar	2	Prof. Dr. Sandra Bouwhuis Prof. Dr. Christine Köppl Dr. Ulrike Langemann Prof. Dr. Miriam Liedvogel Prof. Dr. Henrik Mouritsen Prof. Dr. Heiko Schmaljohann Dr. Wieland Heim Matthias Weissensteiner Pablo Salmon Robert Rollins	Master
Institute for Biology and Environmental Sciences	5.02.845	Introduction to Development and Evolution	Lecture	-	Dr. Ulrike Sienknecht Dr. rer. nat. Maike Claußen	Master
Institute for Biology and Environmental Sciences	5.02.659	Behavioural Ecology of Birds (Option II)	Seminar	2	Dr. Ulrike Langemann Prof. Dr. Jan Clemens	Master
Institute for Biology and Environmental Sciences	5.02.001 I	Current topics in biology: What illusions teach us about perception	Seminar	2	Dr. Rainer Beutelmann	Master
Institute for Biology and Environmental Sciences	5.02.956	Ecological Genomics - Genomic and Transcriptomic Data Analysis	Seminar	-	Dr. Stefan Dennenmoser Prof. Dr. Arne Nolte	Master
Institute for Biology and Environmental Sciences	5.02.737	Evolutionary Transcriptomics	Exercises	-	Dr. Stefan Dennenmoser Prof. Dr. Arne Nolte	Master

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Institute for Biology and Environmental Sciences	5.03.903	Vegetationsökologie und Naturschutz – ecology, restoration and nature-based solutions research project	Seminar	-	Prof. Dr. Thorsten Balke	Master
Institute for Biology and Environmental Sciences	5.02.731	Evolutionary Biology, Population Genetics	Exercises	-	Prof. Dr. Gabriele Gerlach Dr. rer. nat. Tamara Schneider Dr. Simon Käfer Dr. Gulzar Khan Anke Müller Nicole Iben	Master
Institute for Biology and Environmental Sciences	5.02.607	Molecular Genetics and Cell Biology	Seminar	-	Prof. Dr. John Neidhardt Christoph Jüschke	Master
Institute for Biology and Environmental Sciences	2.13.041	Urban development, water management and climate crisis: Copenhagen	Study trip	-	Prof. Dr. Ingo Mose Dr. Peter Schaal	Master
Institute for Biology and Environmental Sciences	5.02.960	Genetics of Migration - from behaviour to molecular architecture	Seminar	-	Prof. Dr. Miriam Liedvogel	Master
Institute for Biology and Environmental Sciences	5.02.703	Interactions of plants with environmental parameters	Seminar	2	Dr. rer. nat. Maria Will Prof. Dr. Gerhard Zotz	Master

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Institute for Biology and Environmental Sciences	5.02.975	Biodiversity and Animal Evolution: Marine Biodiversity II	Seminar	-	Prof. Dr. Gabriele Gerlach Dr. rer. nat. Tamara Schneider	Master
Institute for Biology and Environmental Sciences	5.02.483	Forschungsprojekte im Herbarium	Exercises	-	Dr. rer. nat. Maria Will	Bachelor Master
Institute for Biology and Environmental Sciences	5.02.721	Marine Biodiversity I	Lecture	-	Julian Gutt Prof. Dr. Ingrid Kröncke Prof. Dr. Pedro Miguel Martinez Arbizu Dr. Sven Rossel Dr. Achim Wehrmann	Master
Institute for Biology and Environmental Sciences	5.02.958	Sensory Biology of Animals - Sensory biology of magnetoreception	Seminar	-	Prof. Dr. Michael Winklhofer	Master
Institute for Biology and Environmental Sciences	5.02.002	Ordinance on Hazardous Substances and Occupational Health and Safety (MUST for first-year students)	Seminar	-	Dr. Dominik Heyers	Bachelor Master
Institute for Biology and Environmental Sciences	5.02.606	Molecular Genetics and Cell Biology	Lecture	-	Prof. Dr. John Neidhardt Prof. Dr. Karl-Wilhelm Koch, Dipl.-Chem. Christoph Jüscke	Master

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Institute for Biology and Environmental Sciences		Presentation skills for female scientists	Seminar	-	Dr. Angelika Einwich Regina Knippenberg Tabea Hildebrand	Promotion
Institute for Biology and Environmental Sciences	5.02.846	Lab Exercises in Development and Evolution	Exercises	-	Dr. Ulrike Sienknecht Dr. rer. nat. Maike Claußen	Master
Institute for Biology and Environmental Sciences	5.02.976	Marine Biodiversity Research: Marine Biodiversity II	Seminar	-	PD Dr. Mona Hoppenrath Prof. Dr. Ingrid Kröncke Prof. Dr. Pedro Miguel Martinez Arbizu Dr. Achim Wehrmann Dr. Sven Rossel	Master
Institute for Biology and Environmental Sciences	5.02.766	Current methods in Plant Science - Ecology, Phylogeny and Molecular Biology	Exercises	-	Prof. Dr. Dirk Carl Albach Dr. Gulzar Khan Dr. Klaus Bernhard von Hagen Dr. rer. nat. Maria Will Dr. Jessica Tay Ying Ling Henry Spencer Badet Prof. Dr. Gerhard Zotz Christoph Nehrke Iraj Mehregan Niels Kappert, M. Sc.	Master

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Institute for Biology and Environmental Sciences	5.02.951	Functional ecology of plants – from organ to ecosystem	Seminar	-	Prof. Dr. Gerhard Zotz Dr. Jessica Tay Ying Ling	Master
Institute for Biology and Environmental Sciences	5.02.656	Ecology, evolution and sensory biology of birds	Lecture	4	Prof. Dr. Sandra Bouwhuis Prof. Dr. Christine Köppl Dr. Ulrike Langemann Prof. Dr. Miriam Liedvogel Prof. Dr. Henrik Mouritsen Prof. Dr. Heiko Schmaljohann Dr. Wieland Heim Matthias Weissensteiner Pablo Salmon Robert Rollins	Master
Institute for Biology and Environmental Sciences	5.02.706	Ecological niches and species movements	Lecture	2	Dr. Gulzar Khan Dr. Yulia Kreye	Master
Institute for Biology and Environmental Sciences	5.03.323	Sustainable tourism	Seminar	2	Prof. Dr. Ingo Mose	Master
Institute for Biology and Environmental Sciences	5.02.001 II	Introduction to Unix and Programming for Biologists	Seminar	-	Dr. Stefan Dennenmoser Prof. Dr. Arne Nolte	Master
Institute for Biology and Environmental Sciences	5.02.693	Experiments on Cellular Signaltransduction and Enzymology	Exercises	-	Prof. Dr. Karl-Wilhelm Koch, Dipl.-Chem. Dr. Alexander Scholten	Master

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Institute for Biology and Environmental Sciences	5.02.702	Plant Biodiversity	Lecture	-	Prof. Dr. Dirk Carl Albach Dr. Klaus Bernhard von Hagen	Master
Institute for Biology and Environmental Sciences	5.02.955	Systematics and Evolutionary Biology - Morphology, Phylogenetic and Evolution of basal Bilateria	Seminar	-	Dr. rer. nat. Wilko Ahlrichs Prof. Dr. Olaf Bininda-Emonds	Master
Institute for Biology and Environmental Sciences	5.02.811	External Research Project	Seminar	-	Lehrende der Biologie Prof. Dr. Gerhard Zotz	Master
Institute for Biology and Environmental Sciences	5.02.871	Communicating biology	Seminar	4	Prof. Dr. Dirk Carl Albach Prof. Dr. Arne Nolte Prof. Dr. Heiko Schmaljohann Prof. Dr. Gerhard Zotz Dr. Gulzar Khan Dr. Stefan Dennenmoser Dr. Wieland Heim	Master
Institute for Biology and Environmental Sciences	5.02.957	Systematics and Evolutionary Biology - Molecular Systematics	Seminar	-	Prof. Dr. Olaf Bininda-Emonds	Master
Institute for Biology and	5.02.608	Molecular Genetics and Cell	Exercises	-	Prof. Dr. John Neidhardt	Master

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Environmental Sciences		Biology			Christoph Jüscke	
Institute for Biology and Environmental Sciences	5.02.949	Animal Navigation - Magnetoreception in Insects	Seminar	-	Dr. Pauline Fleischmann Chiara Tenneriello	Master
Institute for Biology and Environmental Sciences	5.02.658	Methods in Field Ornithology (Option I)	Seminar	4	Prof. Dr. Heiko Schmaljohann Dr. Ulrike Langemann	Master
Institute for Biology and Environmental Sciences	5.02.691	Molecular basics of cellular signaltransduction	Lecture	-	Prof. Dr. Karl-Wilhelm Koch, Dipl.-Chem.	Promotion Master
Institute for Biology and Environmental Sciences	5.02.001 III	Journal Club: Animal Biology	Seminar	3	Dr. rer. nat. Rabea Bartölke Dr. Pauline Fleischmann	Master
Institute for Biology and Environmental Sciences	5.03.321	Space and Society	Seminar	2	Prof. Dr. Ingo Mose	Master
Institute for Biology and Environmental Sciences	5.02.881	Phylogeny of plants	Seminar	3	Dr. Gulzar Khan Iraj Mehregan	Master
Institute for Biology and Environmental Sciences	5.02.954	Biodiversity and Evolution of Plants - Speciation and Genomics	Seminar	-	Prof. Dr. Dirk Carl Albach Dr. Gulzar Khan Carmen Alicia Rivera Pérez	Master

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Institute for Biology and Environmental Sciences	5.02.952	Biodiversity and Evolution of Plants – Botanical Garden and Herbarium Research	Seminar	-	Dr. Klaus Bernhard von Hagen Dr. rer. nat. Maria Will Prof. Dr. Dirk Carl Albach	Master
Institute for Biology and Environmental Sciences	5.02.945	Navigation mechanismen in nocturnal bird migration	Seminar	-	Dr. Dominik Heyers Prof. Dr. Henrik Mouritsen Dr. Bo Leberecht	Master
Institute for Biology and Environmental Sciences	5.02.692	Signal transduction	Seminar	-	Prof. Dr. Karl-Wilhelm Koch, Dipl.-Chem. Dr. Alexander Scholten	Promotion Master
Institute for Biology and Environmental Sciences	5.02.977	Biodiversity and Evolution of Plants - pollination and hybridization	Seminar	-	Prof. Dr. Dirk Carl Albach	Master
Institute for Biology and Environmental Sciences	5.02.959	Migration genetics - from individual behaviour to genome wide architecture	Seminar	-	Prof. Dr. Miriam Liedvogel	Master
Institute for Biology and Environmental Sciences	5.02.701 (BIO) / 5.03.111 (LÖK)	Resource acquisition and use by plants	Lecture	-	Prof. Dr. Gerhard Zotz	Master
Department of Chemistry	5.07.933	Anleitung zum selbstständigen	Seminar	2	Prof. Dr. Gunther Wittstock	

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		wissenschaftlichen Arbeiten "Wie schreibe ich Versuchsprotokolle zügig, vollständig und effektiv?"				
Department of Chemistry	5.07.408	Structure of Interfaces and their Characterization - Exercises	Exercises	1	Prof. Dr. Katharina Al- Shamery PD Dr. Izabella Brand	Promotion Master
Department of Chemistry	5.07.409	Structure of Interfaces and their Characterization - Lecture	Lecture	2	Prof. Dr. Katharina Al- Shamery PD Dr. Izabella Brand	Promotion Master
Department of Chemistry	5.07.005	Colloquia Series Physical Chemistry	Colloquium	2	Prof. Dr. Katharina Al- Shamery Dr. Carsten Dosche Prof. Dr. Thorsten Klüner Prof. Dr. Gunther Wittstock	Promotion
Department of Chemistry	5.07.908	Seminar Modern Electrochemistry	Seminar	2	Prof. Dr. Gunther Wittstock	Promotion
Department of Chemistry	5.07.912	Seminar "Modern Theoretical Chemistry"	Seminar	2	Prof. Dr. Thorsten Klüner	Promotion
Institute for Chemistry and Biology of the Marine Environment	5.08.358 1	Basic Ecological Processes	Seminar	-	Dr. Maren Striebel Dr. Stefanie Moorthi Dr. Sabine Flöder	Master

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					Mike Jan Smykala Eva Foth Leonie Kellner Sebastian Neun	
Institute for Chemistry and Biology of the Marine Environment	5.08.436 1	Marine Interfaces	Lecture	-	Prof. Dr. Oliver Wurl Dr. Mariana Ribas Ribas	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.461 2	Marine Community Ecology	Lecture	2	Dr. Maren Striebel Prof. Dr. Helmut Hillebrand Dr. Stefanie Moorthi Dr. Marina Costa Rillo	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.463 2	Methods in Aquatic Microbial Ecology	Exercises	-	Prof. Dr. Thorsten Henning Brinkhoff Mathias Wolterink Silke Ammermann	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.028	Introduction to scientific work: Marine Geochemistry	Seminar	-	Prof. Dr. Thorsten Dittmar Dr. Jutta Niggemann	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.13.552	Physiology of Bacteria - Course A	Exercises	-	Prof. Dr. Martin Könneke	Master
Institute for Chemistry and Biology	5.08.474	Current Issues in Plankton	Seminar	2	Dr. Maren Striebel	Master

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of the Marine Environment	1	Ecology I			Prof. Dr. Helmut Hillebrand Dr. Stefanie Moorthi	
Institute for Chemistry and Biology of the Marine Environment	5.13.551	Physiology of Bacteria - Course A	Seminar	-	Prof. Dr. Martin Könneke	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.354 2	Advanced Mathematical Modelling	Exercises	2	Dr. Alexey Ryabov	Promotion Master
Institute for Chemistry and Biology of the Marine Environment	5.13.503	Microbial Diversity	Lecture	-	Prof. Dr. Sarahi Lorena Garcia Dr. Jessika Füßel	Master
Institute for Chemistry and Biology of the Marine Environment	5.12.401	Accompanying seminar to practical course on environmental chemistry	Seminar	2	Dr. Barbara Scholz-Böttcher Dr. Philipp Böning Dr. Hannelore Waska	Promotion Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.08.359 2	Marine Ecology	Lecture	-	Prof. Dr. Oscar Puebla	Bachelor Master of Education Master
Institute for Chemistry and Biology of the Marine Environment	5.12.251 2	Practical work on aquatic microbiology	Practical training	-	Prof. Dr. Sarahi Lorena Garcia Dr. Gerrit Wienhausen Dr. Stefan Bruns	Bachelor

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Institute for Chemistry and Biology of the Marine Environment	5.12.419 2	Journal Review of Scientific Ocean Biogeochemistry Publications	Seminar	2	Benjamin Owusu	Bachelor Master
Institute for Chemistry and Biology of the Marine Environment	5.08.354 1	Advanced Mathematical Modelling	Lecture	2	Prof. Dr. Bernd Blasius	Promotion Master
Institute for Chemistry and Biology of the Marine Environment	5.12.260	Coastal Conservation in the 'Omics Age	Lecture	-	Prof. Dr. Iliana Baums Prof. Dr. Ahmet Murat Eren Dr. Iva Veseli Kelly Gomez Campo Joseane Aparecida Marques Abigail Turnlund	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.08.475 1	Ocean Governance and Policy	Lecture	-	Prof. Dr. Kimberley Turner (Peters), bitte verwenden Peters	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.350 2	Scientific writing and presentation	Seminar	2	Dr. Mariana Ribas Ribas Dr. rer. nat. Adenike Adenaya	Master
Institute for Chemistry and Biology of the Marine Environment	5.12.261	Readings/Exercises in Coastal conservation	Seminar	-	Prof. Dr. Iliana Baums Prof. Dr. Ahmet Murat Eren Dr. Iva Veseli	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.12.251 1	Discussions on aquatic microbiology	Seminar	-	Prof. Dr. Sarahi Lorena Garcia	Bachelor Master of

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					Dr. Gerrit Wienhausen	Education Master
Institute for Chemistry and Biology of the Marine Environment	5.13.532	Ecophysiology of prokaryotes	Exercises	-	Dr. Bert Engelen Julius Degenhardt	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.248 1	Basics of NMR Spectroscopy	Lecture	-	Dr. Sahithya Phani Babu Vemulapalli	Master
Institute for Chemistry and Biology of the Marine Environment	5.13.513	Microbiological Colloquium	Colloquium	1	Dr. Gerrit Wienhausen Lehrende der Mikrobiologie	Promotion Master
Institute for Chemistry and Biology of the Marine Environment	5.08.017	Instructions for scientific work: Marine Conservation	Seminar	-	Prof. Dr. Iliana Baums	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.08.031	Instructions for scientific work: Pelagic Microbiology	Seminar	2	Prof. Dr. Thorsten Henning Brinkhoff Prof. Dr. Sarahi Lorena Garcia	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.08.463 1	Methods in Aquatic Microbial Ecology	Lecture	-	Prof. Dr. Thorsten Henning Brinkhoff Mathias Wolterink Silke Ammermann	Master

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Institute for Chemistry and Biology of the Marine Environment	5.12.263	Applied Microbial 'Omics	Seminar	1	Dr. Iva Veseli Prof. Dr. Iliana Baums	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.08.459 1	Ecology of Macrobenthos Communities	Seminar	-	Dr. Sven Rohde	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.433 2	Remote sensing Ocean, practical course	Exercises	-	Prof. Dr. Oliver Wurl	Master
Institute for Chemistry and Biology of the Marine Environment	5.13.640 9	Research project - Seminar	Seminar	-	Prof. Dr. Sinikka Lennartz	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.359 1	Marine Zooplankton – Their characteristics and roles in ecosystems	Seminar	2	Dr. Silke Laakmann	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.436 2	Marine Interfaces	Seminar	-	Prof. Dr. Oliver Wurl Dr. Mariana Ribas Ribas	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.433 3	Seminar on the practical course Marine Interfaces + Remote Sensing Ocean	Seminar	-	Prof. Dr. Oliver Wurl Dr. Mariana Ribas Ribas	Master
Institute for Chemistry and Biology of the Marine Environment	5.13.506	Scientific writing and presentation	Seminar	2	Dr. Bert Engelen Prof. Dr. Martin Könneke Julius Degenhardt Dr.rer.nat. Astrid Behrends Ivonne Vetter	Master

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Institute for Chemistry and Biology of the Marine Environment	5.08.033	Tutorial on scientific work: marine isotope geochemistry	Seminar	2	Dr. Philipp Böning Dr. Claudia Ehlert Prof. Dr. Katharina Pahnke-May Dr. Torben Struve	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.12.262	Introduction to Popular 'Omics Strategies	Lecture	2	Dr. Iva Veseli Prof. Dr. Iliana Baums	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.13.531	Ecophysiology of prokaryotes	Seminar	-	Dr. Bert Engelen Julius Degenhardt	Master
Institute for Chemistry and Biology of the Marine Environment	5.13.622	Programming for microbiologists	Seminar	-	Prof. Dr. Sarahi Lorena Garcia Prof. Dr. Ahmet Murat Eren	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.475 2	Current Issues in Marine Governance - Course A	Seminar	-	Prof. Dr. Kimberley Turner (Peters), bitte verwenden Peters	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.461 1	Functional Marine Biodiversity	Seminar	-	Prof. Dr. Helmut Hillebrand	Master

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Institute for Chemistry and Biology of the Marine Environment	5.12.419 1	Python for beginners	Seminar	-	Dr. Viacheslav Kruglov	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.08.033	Instructions for scientific work: Sea surfaces	Seminar	-	Prof. Dr. Oliver Wurl Dr. Mariana Ribas Ribas	Bachelor
Institute for Chemistry and Biology of the Marine Environment	5.08.248 2	Basics of NMR Spectroscopy	Exercises	-	Dr. Sahithya Phani Babu Vemulapalli	Master
Institute for Chemistry and Biology of the Marine Environment	5.08.433 1	Marine Interfaces	Exercises	-	Dr. Mariana Ribas Ribas	Master
Institute for Chemistry and Biology of the Marine Environment	5.13.501	Physiology and Life modes of Prokaryotes	Lecture	-	Dr. Bert Engelen Prof. Dr. Martin Könneke Julius Degenhardt	Promotion Master
Institute of Physics	5.04.612	Mechanics	Lecture	2	Prof. Dr. Martin Kühn Annika Gaiser	Bachelor
Institute of Physics	5.04.420 3	Angewandte Psychophysik: Anwendungen bei Audioqualitätsbewertungen / Applied Psychophysics: Applications in audio quality	Lecture	2	Prof. Dr. Steven van de Par Stephan Töpken	Master
Institute of Physics	5.04.467	Hyperloop Engineering	Seminar	-	Prof. Dr. Walter Neu,	Master

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	3				Dipl.-Phys. Thomas Schüning Lukas Eschment	
Institute of Physics	5.04.459 0	Advanced Topics Speech and Audio Processing	Lecture	-	Prof. Dr. Simon Doclo	Promotion Master
Institute of Physics	5.06.M11 7	Energy Meteorology	Lecture	-	Dr. Thomas Schmidt Dr. Bruno Schyska	Master
Institute of Physics	5.04.638 Ü2	Exercises Mathematical Methods for Physics and Engineering III	Exercises	2	Siegfried Gündert Dr.-Ing. Aleksej Chinaev M. Sc. Jiatong Li	Bachelor
Institute of Physics	5.04.091 a	Seminar to Basic Laboratory (english)	Seminar	2	Priv.-Doz. Dr. Michael Krüger Dipl.-Ing. (TU) Andreas Hermann Schmidt	Bachelor
Institute of Physics	5.04.311 Versuch 05	Fortgeschrittenenpraktikum Physik (FPR-B) Versuch 05 - Spektroskopie am Jod- Molekül	Practical training	-	Katem Mitkong	Erweiterungsfach Bachelor Master of Education
Institute of Physics	5.04.637	Laboratory Project I	Practical training	-	Dr. rer. nat. Sandra Koch Markus Schellenberg	Bachelor

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					Ulrich Teubner Prof. Dr. Walter Neu, Dipl.-Phys. Thomas Schüning Stefan Wild Lars Jepsen Sabine Tiedeken Volker Braun Prof. Dr. Philipp Huke Prof. Dr. Martin Silies Freerk Schütt	
Institute of Physics	5.04.618 Ü1	Mathematical Methods for Physics and Engineering I, exercise	Exercises	2	PD Dr. Stefan Uppenkamp, Dipl.-Phys. Urantuya Batsuuri	Bachelor
Institute of Physics	5.04.407 0 Ü2	Übung zu Fluid Dynamics I / Fluiddynamik I	Exercises	-	TutorInnen, der Physik Prof. Dr. Kerstin Avila Canellas	Master
Institute of Physics	5.04.612 Ü1	Exercises Mechanics	Exercises	2	Prof. Dr. Martin Kühn Annika Gaiser	Bachelor
Institute of Physics	5.04.638	Mathematical Methods for Physics and Engineering III	Lecture	2	Prof. Dr. Simon Doclo Prof. Dr. Gerald Enzner Prof. Dr. Steven van de Par Dr.-Ing. Aleksej Chinaev	Bachelor

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Institute of Physics	5.04.202 Ü1	Exercises to Atomic and Molecular Physics	Exercises	2	Prof. Dr. Martin Silies Dr. rer. nat. Juanmei Duan	Bachelor
Institute of Physics	5.04.457 9	Modern Optics - Solid-State Optomechanics	Seminar	-	Dr. rer. nat. Martin Esmann	Master
Institute of Physics	5.04.302 Ü1	Exercise: Solid State Physics	Exercises	-	Prof. Dr. Niklas Nilius Ghada Missaoui	Bachelor
Institute of Physics	5.04.661 1	Advanced Optical Spectroscopy	Seminar	2	Markus Schellenberg Dr. rer. nat. Sandra Koch Prof. Dr. Walter Neu, Dipl.-Phys.	Master
Institute of Physics	5.04.618	Mathematical Methods for Physics and Engineering I, lecture	Lecture	8	PD Dr. Stefan Uppenkamp, Dipl.-Phys.	Bachelor
Institute of Physics	5.06.M30 1	Renewable Energy Project	Seminar	-	Dr. rer. nat. Tanja Behrendt	Master
Institute of Physics	5.06.M12 7 Ü	Energy Storage	Exercises	-	Dr. Martin Knipper	Master

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Institute of Physics	5.06.M30 8 Ü	Resilient Energy Systems	Exercises	-	Dr.-Ing. Herena Torio	
Institute of Physics	5.04.776	The Space Environment	Lecture	-	Prof. Dr. Björn Poppe Dr. Gerhard Drolshagen	Master
Institute of Physics	5.04.638 Ü1	Exercises Mathematical Methods for Physics and Engineering III	Exercises	2	M. Sc. Jiatong Li Siegfried Gündert Dr.-Ing. Aleksej Chinaev	Bachelor
Institute of Physics	5.04.466 1	Spectrophysics	Lecture	-	Prof. Dr. Walter Neu, Dipl.-Phys.	Master
Institute of Physics	5.04.457 1 Ü1	Density-functional theory	Exercises	-	Dr. Ana Maria Valencia Garcia	Master
Institute of Physics	5.04.302	Solid State Physics	Lecture	-	Prof. Dr. Niklas Nilius	Bachelor
Institute of Physics	5.04.406 6	Python for data and complex systems scientists (Blockveranstaltung)	Seminar	-	Dr. rer. nat. Jan Friedrich	Master
Institute of Physics	5.04.422 6	Aktuelle Probleme des Maschinellen Lernens und -Hörens	Seminar	2	Priv.-Doz. Dr. Jörn Anemüller	Master

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Institute of Physics	5.04.421 3 Ü2	Machine Learning I - Probabilistic Unsupervised Learning	Exercises	-	Dmytro Velychko Prof. Dr. Jörg Lücke	Master
Institute of Physics	5.04.421 4	Advanced Models and Algorithms in Machine Learning	Seminar	2	Prof. Dr. Jörg Lücke	Master
Institute of Physics	5.04.311 Versuch 08	Fortgeschrittenenpraktikum Physik (FPR-B) Versuch 08 - Room acoustics in a "shoebox"	Practical training	-	Prof. Dr. Steven van de Par Siegfried Gündert	Erweiterungsfach Bachelor Master of Education
Institute of Physics	5.04.255 Ü1	Programming course C++ (Programmierkurs C++)	Exercises	2	Stefan Harfst Tjard Robben	Bachelor
Institute of Physics	5.04.618 Ü4	Mathematical Methods for Physics and Engineering I, exercise	Exercises	2	PD Dr. Stefan Uppenkamp, Dipl.-Phys. Felipe Bizarro Nini	Bachelor
Institute of Physics	5.04.255	Programming course C++ (Programmierkurs C++)	Lecture	2	Stefan Harfst Finn Biesterfeldt Tjard Robben	Bachelor
Institute of Physics	5.06.M31 5	Hidden Champions in RE	Lecture	-	Dr.-Ing. Herena Torio Dr. Alexandra Pehlken	Master

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Institute of Physics	5.04.457 1	Density-functional theory	Lecture	-	Dr. Ana Maria Valencia Garcia	Master
Institute of Physics	5.06.M11 7 Ü	Energy Meteorology	Exercises	-	Dr. Thomas Schmidt	Master
Institute of Physics	5.04.071 Gruppe 09	Grundpraktikum Physik I / Basic Laboratory I für Engineering Physics	Practical training	-	Christin Warns Annette Berger Udo Große, B. Sc. Sinem Uluocak Dincer Manuel Alejandro Zúñiga Inestroza	Erweiterungsfach Bachelor
Institute of Physics	5.04.408 2	Spectroscopy at the Nanoscale	Seminar	-	Prof. Dr. Niklas Nilius	Master
Institute of Physics	5.06.M12 1 Ü	Photovoltaics	Exercises	-	Dr. Martin Knipper	Master
Institute of Physics	5.04.407 0 Ü1	Übung zu Fluid Dynamics I / Fluiddynamik I	Exercises	2	TutorInnen, der Physik Prof. Dr. Kerstin Avila Canellas	Master
Institute of Physics	5.04.661 0	Modern Methods in Optical Microscopy	Seminar	-	Markus Schellenberg Prof. Dr. Walter Neu, Dipl.-Phys.	Master

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Institute of Physics	5.06.M30 7	Report & Presentation External Training	Seminar	-	Dr.-Ing. Herena Torio	Master
Institute of Physics	5.06.M10 6	Renewable Energy Laboratories	Practical training	-	Dr. Martin Knipper Andreas Günther Dr. rer. nat. Tanja Behrendt	Master
Institute of Physics	5.04.421 3 Ü3	Machine Learning I - Probabilistic Unsupervised Learning	Exercises	-	Prof. Dr. Jörg Lücke Yidi Ke	Master
Institute of Physics	5.04.202	Atomic and Molecular Physics	Lecture	2	Prof. Dr. Martin Silies	Bachelor
Institute of Physics	5.04.624c	Introduction to Renewable Energies	Lecture	2	Prof. Dr. Martin Kühn	Bachelor
Institute of Physics	5.04.405 6	Modern Optics - Nonlinear Optics	Seminar	-	Prof. Dr. Martin Silies	Master
Institute of Physics	5.06.M12 3 Ü	Renewable Energy Heat	Exercises	2	Dr.-Ing. Herena Torio	Master
Institute of Physics	5.04.421 3 Ü1	Machine Learning I - Probabilistic Unsupervised Learning	Exercises	-	Till Kahlke Prof. Dr. Jörg Lücke	Master
Institute of Physics	5.06.M11	Energy Systems	Lecture	-	Dr. Martin Knipper	Master

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	9				Dr.-Ing. Herena Torio	
Institute of Physics	5.04.466 8	Photonics	Lecture	-	Ulrich Teubner	Master
Institute of Physics	5.04.404 0	Modern Microcontroller- Their Architecture, Interfaces and Programming	Lecture	-	Prof. Dr. Achim Kittel	Master
Institute of Physics	5.04.652	Hyperloop Technologies	Project	-	Prof. Dr. Walter Neu, Dipl.-Phys. Thomas Schüning Lukas Eschment	Bachelor
Institute of Physics	5.04.256 b	Introduction to Matlab	Lecture	-	Markus Schellenberg	Bachelor
Institute of Physics	5.04.612 Ü2	Exercises Mechanics	Exercises	-	Prof. Dr. Martin Kühn TutorInnen, der Physik Annika Gaiser	Bachelor
Institute of Physics	5.04.656	Seminar Advanced Topics in Engineering Physics	Seminar	-	Prof. Dr. Walter Neu, Dipl.-Phys. Prof. Dr. Martin Silies	Master
Institute of Physics	5.04.422 2	Spezialkurs im Strahlenschutz nach	Seminar	-	Prof. Dr. Björn Poppe Heiner von Boetticher	Master

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		Strahlenschutz und Röntgenverodnung (Spezialkurs Strahlenschutzseminar)			Karl-Joachim Doerner Antje Ruehmann, Ph.D. Hauke Fischer, M. Sc.	
Institute of Physics	5.06.M305	Internship	miscellaneous	-	Dr.-Ing. Herena Torio	Master
Institute of Physics	5.06.M315 Ü	Hidden Champions in RE	Exercises	-	Dr.-Ing. Herena Torio Dr. Alexandra Pehlken	Master
Institute of Physics	5.04.618 Ü3	Mathematical Methods for Physics and Engineering I, exercise	Exercises	2	PD Dr. Stefan Uppenkamp, Dipl.-Phys. Rebecca Felsheim	Bachelor
Institute of Physics	5.04.618 Ü2	Mathematical Methods for Physics and Engineering I, exercise	Exercises	2	PD Dr. Stefan Uppenkamp, Dipl.-Phys. Tom Henkel	Bachelor
Institute of Physics	5.06.M308	Resilient Energy Systems	Lecture	-	Dr.-Ing. Herena Torio	Master
Institute of Physics	5.06.M125	Basics of Wind Energy	Lecture	-	Dr. Michael Hölling	Master
Institute of Physics	5.04.302 Ü2	Exercise: Solid State Physics	Exercises	-	Prof. Dr. Niklas Nilius Ghada Missaoui	Bachelor

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Institute of Physics	5.04.645	Control Systems / Control Theory	Lecture	-	Prof. Dr. Philipp Huke	Bachelor
Institute of Physics	5.06.M10 6 Ü	Renewable Energy Laboratories	Exercises	-	Dr. Martin Knipper Dr.-Ing. Herena Torio Andreas Günther	Master
Institute of Physics	5.04.663	Acoustical Metrology and Virtual Acoustics - Akustische Messtechnik	Lecture	4	Prof. Dr. Matthias Blau Prof. Dr. Jörg Bitzer Prof. Dr. Steven van de Par Prof. Dr. Simon Doclo	Master
Institute of Physics	5.06.M11 9 Ü	Energy Systems	Exercises	-	Dr. Martin Knipper Dr.-Ing. Herena Torio	Master
Institute of Physics	5.04.256 a	Introduction to Matlab	Lecture	-	Markus Schellenberg	Bachelor
Institute of Physics	5.04.255 Ü2	Programming course C++ (Programmierkurs C++)	Exercises	2	Stefan Harfst Finn Biesterfeldt	Bachelor
Institute of Physics	5.04.423 0	Oberseminar „Journal Club“ Speech Technology and Hearing Aids	Seminar	-	Prof. Dr. Gerald Enzner	Master

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Institute of Physics	5.06.M12 5 Ü	Basics of Wind Energy	Exercises	-	Dr. Michael Hölling	Master
Institute of Physics	5.06.M12 1	Photovoltaics	Lecture	-	Dr. Martin Knipper	Master
Institute of Physics	5.04.641	Production Engineering	Lecture	2	Florian Schmidt Sven Carsten Lange	Bachelor
Institute of Physics	5.04.638 Ü3	Exercises Mathematical Methods for Physics and Engineering III	Exercises	2	Dr.-Ing. Aleksej Chinaev Siegfried Gündert M. Sc. Jiatong Li	Bachelor
Institute of Physics	5.04.657 0	Fundamentals of Optics	Lecture	4	Ulrich Teubner	Master
Institute of Physics	5.04.992 W	Guidance for independent scientific work	Seminar	-	Prof. Dr. Philipp Huke Prof. Dr. Martin Silies Ulrich Teubner Prof. Dr. Walter Neu, Dipl.-Phys. Markus Schellenberg Dr. rer. nat. Sandra Koch	Bachelor Master
Institute of Physics	5.06.M12 7	Energy Storage	Lecture	-	Dr. Martin Knipper Prof. Dr. Michael Wark, Dipl.-Chem.	Master

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Institute of Physics	5.04.466 0	Advanced Metrology	Lecture	2	Prof. Dr. Philipp Huke	Master
Institute of Physics	5.04.624 a	Introduction to Laser & Optics	Lecture	-	Prof. Dr. Martin Silies	Bachelor
Institute of Physics	5.04.646 a	Laboratory Project II - Laser & Optics	Practical training	-	Dr. rer. nat. Sandra Koch Sabine Tiedeken Prof. Dr. Philipp Huke Prof. Dr. Walter Neu, Dipl.-Phys. Ulrich Teubner Markus Schellenberg Lars Jepsen Stefan Wild Volker Braun Prof. Dr. Martin Silies Freerk Schütt	Bachelor
Institute of Physics	5.04.401 3a	Current trends in Gravitation I	Seminar	-	Prof. Dr. Jutta Kunz-Drolshagen Prof. Dr. Betti Hartmann Priv.-Doz.Dr. Burkhard Kleihaus	Master
Institute of Physics	5.06.M12	Renewable Energy Heat	Lecture	2	Dr.-Ing. Herena Torio	Master

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Institute of Physics	5.04.421 3	Machine Learning I - Probabilistic Unsupervised Learning	Lecture	2	Prof. Dr. Jörg Lücke	Master
Institute of Physics	5.04.612 Ü3	Extraordinary Exercises Mechanics	Exercises	-	Prof. Dr. Martin Kühn Annika Gaiser Arjun Anantharaman	Bachelor
Institute of Physics	5.06.M10 1	Introductory Laboratory	Practical training	-	Dr.-Ing. Herena Torio Dr. Martin Knipper Dr. rer. nat. Tanja Behrendt Andreas Günther Paul Ziethe	Master
Institute of Physics	5.04.624 b	Introduction to Medical Radiation Physics	Lecture	-	Prof. Dr. Björn Poppe PD Dr. Hui Khee Looe Dr. Daniela Eulenstein	Bachelor
Institute of Physics	5.06.M31 7	Hydrogen & Fuel Cells	Lecture	-	Prof. Dr. Robert Steinberger- Wilckens Dr. Alexander Dyck Andreas Günther	Master
Institute of Physics	5.04.706	Einführung und Grundlagen zur	Lecture	2	Thomas Schüning Marcel Stamm	Bachelor

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		Lasermaterialbearbeitung / Introduction to Laser Material Processing			Hermann Merkel	
Institute of Physics	5.06.M11 3	Python Programming and Modelling	Lecture	-	Dr.-Ing. Herena Torio Andreas Günther Dr. rer. nat. Jan Friedrich Balthazar Arnoldus Maria Sengers Dr. Martin Dörenkämper	Master
Institute of Physics	5.04.050 Ü4	Math pre-course tutorial in English /Übungen zum Vorkurs Mathematik für Physik	Exercises	-	TutorInnen, der Physik Axel Prüser	
Institute of Physics	5.04.464 2	High-Energy Radiation Physics / Hochenergie- Strahlenphysik	Lecture	-	PD Dr. Hui Khee Looe Prof. Dr. Björn Poppe	Master
Institute of Physics	5.04.692	Laser Safety Instruction	Seminar	-	Prof. Dr. Martin Silies	Bachelor Master
Institute of Physics	5.04.406 1	Wind Energy Physics (former Windenergy)	Lecture	-	Matthias Wächter	Master
Institute of Physics	5.04.202 Ü2	Excercises to Atomic and Molecular Physics	Exercises	2	Prof. Dr. Martin Silies Somayeh Sourì	Bachelor

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Institute of Physics	5.04.311 Versuch 09	Fortgeschrittenenpraktikum Physik (FPR-B) - Versuch 09 - Praktikum Diodenlaser	Practical training	-	Naby Hadilou	Erweiterungsfach Bachelor Master of Education
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