

Vorläufiger Prüfungsplan
 M.Sc. Physics
 Wintersemester 25/26

Registration periods: without specific date (e.g. oral exams): January 1 to 31 for Winter Semester, June 1 to 30 for Summer Semester

 Exams with specific date or examination period (e.g. written exams): taking place in the WiSe after January 31 (or in the SuSe after June 30): January 1 to 1 week before the exam (WiSe); June 1 to 1 week before the exam (SuSe)
 taking place in the WiSe before January 31 (or in the SuSe before June 30): Usually 3 weeks to 1 week before the exam.

Stand: 02.11.2025

Modul	Veranstaltung	Leistungsart / Type of work	VAK-Nr / VAK-No.	Lehrende*r / Lecturer MV: Modulverantwortliche*r	Prüfungsdatum / Examination Date	Zeit / Time	Raum / Room	Art / Type	Anmeldezeitraum / Registration periode
Vertiefung / Focus point: Physics of life									
Research Lab	Computational Neuroscience Research Lab	Studienleistung	01-PHY-MA-MN-S1	Dr. Udo Alexander Ernst	During week 16.- 20.2	t.b.d.	Cog1030	project work/oral presentation	Jan 1, to 1 week prior exam
Research Lab	Experimental Research Lab	Studienleistung	01-PHY-MA-PL-01	Prof. Dr. Manfred Radmacher	No specific date			oral exam	01.01.-31.01.26
Introduction	Experimental Physics of Life	Prüfungsleistung	01-PHY-MA-PL-02	Prof. Dr. Manfred Radmacher	No specific date			oral exam	01.01.-31.01.26
Introduction	Theoretical Physics of Life	Prüfungsleistung	01-PHY-MA-PL-03	NN / MV: Prof. Dr. Manfred Radmacher	cancelled				
Additional Studies	Exercises for Theoretical Physics of Life	Studienleistung	01-PHY-MA-PL-13	NN / MV: Prof. Dr. Hans-Günther Döbereiner	cancelled				

Vertiefung / Focus point: Photonics and Physics of Nanostructures									
Research Lab	Research Lab "Physics of Nanostructures"	Studienleistung	01-PHY-MA-PPN-01	Prof. Dr. Thomas Schmidt	No specific date	n.a.	n.a.	Internship report	01.01.-31.01.26
Introduction	Optics and Photonics - Basics and Applications	Prüfungsleistung	01-PHY-MA-PPN-04	Prof. Dr. rer. nat. habil. Ralf Bernhard Bergmann	No specific date	n.a.	n.a.	oral exam	01.01.-31.01.26
Introduction	Physics of Nanostructures: From Atoms to Quantum Technology	Prüfungsleistung	01-PHY-MA-PPN-02	Prof. Dr. Martin Eickhoff	No specific date	n.a.	n.a.	oral exam	01.01.-31.01.26
Introduction	Theoretical Solid State Physics - From fundamental interactions to nanostructures	Prüfungsleistung	01-PHY-MA-TP-02	Prof. Dr. Frank Jahnke	s.u.	n.a.	n.a.	oral exam	01.01.-31.01.26
Additional Studies	Exercises for Theoretical Solid State Physics	Studienleistung	01-PHY-MA-TP-09	Prof. Dr. Frank Jahnke	No specific date	n.a.	n.a.	exercise	01.01.-31.01.26
Additional Studies	Seminar on Current Topics in Nanostructure Physics	Studienleistung	01-PHY-MA-PPN-11	MV: Prof. Dr. Martin Eickhoff	No specific date	n.a.	n.a.	presentation	01.01.-31.01.26

Vertiefung / Focus point: Physics of the Universe									
Introduction	Black Holes	Prüfungsleistung	01-PHY-MA-BH-V	PD Dr. Volker Perlick	No specific date	n.a.	n.a.	oral exam	
Introduction	General Relativity	Prüfungsleistung	01-PHY-MA-GR-V	Dr. Eva Höne	no specific date	n.a.	n.a.	oral exam	01.01.-31.01.26
Additional Studies	Exercises for General Relativity	Studienleistung	01-PHY-MA-GR-Ü	Dr. Eva Höne	no specific date	n.a.	n.a.	exercise	
Additional Studies	Geodesy and Gravity	Studienleistung	01-PHY-MA-GeoGra-V	Prof. Dr. Claus Lämmerzahl	no specific date	n.a.	n.a.	oral exam	01.01.-31.01.26

Vertiefung / Focus point: Environmental Physics									
Research Lab	Research Lab "Environmental Physics"	Studienleistung	01-PHY-MA-EP-01	PD Dr. Andreas Richter	entfällt			Studienleistung	
Introduction	Atmospheric Physics	Prüfungsleistung	01-PHY-MA-AtPhy-V	Prof. Dr. Hartmut Bösch	20.02.26	10-13 h	H1	Written exam	01.01.-13.02.26
Introduction	Dynamics I	Prüfungsleistung	01-PHY-MA-Dyn1-V	Prof. Dr. Thomas Jung	18.03.26	10-12 h	S1360	Written exam	01.01.-11.03.26
Introduction	Physical Oceanography I	Prüfungsleistung	01-PHY-MA-PhyO1-V	Prof. Dr. Joke Friederike Lübbecke	10.03.26	10-12 h	S1360	Written exam	01.01.-03.03.26
Additional Studies	Atmospheric Chemistry Modelling: Part 1 (Theory)	Studienleistung	01-PHY-MA-AtCM1-V	Prof. Dr. Michail Vrekousis	No specific date	n.a.	n.a.	oral exam	
Additional Studies	Global Carbon Cycle	Studienleistung	01-PHY-MA-GCC-V	Dr. rer. nat. Christoph Völker	11.02./ 17.02./ 19.02.26	9-15 h		oral exam	

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Vertiefung / Focus point: Theoretical Physics									
Research Lab	Computational Neuroscience Research Lab	Studienleistung	01-PHY-MA-MN-S1	Dr. rer. nat. David Rotermund	During week 16.- 20.2	t.b.d.	Cog1030	project work/oral presentation	Jan 1, to 1 week prior exam
Research Lab	Numeric Research Lab	Studienleistung	01-PHY-MA-TP-01	Prof. Dr. Frank Jahnke	entf.			<small>Stud.-leist. im Prakt. erbracht</small>	
Introduction	Theoretical Solid State Physics - From fundamental interactions to nanostructures	Prüfungsleistung	01-PHY-MA-TP-02	Prof. Dr. Frank Jahnke	16.2.-6.3. n. Vereinb.			mündliche Prüfung	
Introduction	Theoretical Physics of Life	Prüfungsleistung	01-PHY-MA-PL-03	NN / MV: Prof. Dr. Manfred Radmacher	cancelled				
Introduction	Exercises for Theoretical Physics of Life	Studienleistung	01-PHY-MA-PL-13	NN / MV: Prof. Dr. Hans-Günther Döbereiner	cancelled				
Additional Studies	Exercises for Theoretical Solid State Physics	Studienleistung	01-PHY-MA-TP-09	Prof. Dr. Frank Jahnke	entf.			<small>Stud.-leist. in Übungen erbracht</small>	

Vertiefung / Focus point: Computational Physics									
Research Lab	Computational Neuroscience Research Lab	Studienleistung	01-PHY-MA-MN-S1	Dr. Udo Alexander Ernst	During week 16.- 20.2	t.b.d.	Cog1030	project work/oral present	Jan 1, to 1 week prior exam
Research Lab	Research Lab: Physics-based Simulation	Studienleistung	01-PHY-MA-CP-01	Prof. Dr. Vasily Ploshikhin	No specific date	n.a.	n.a.	Internship report	01.01.-31.01.26
Introduction	Theoretical Physics of Life	Prüfungsleistung	01-PHY-MA-PL-03	NN / MV: Prof. Dr. Manfred Radmacher	cancelled			Written exam	
Introduction	Exercises for Theoretical Physics of Life	Studienleistung	01-PHY-MA-PL-13	NN / MV: Prof. Dr. Hans-Günther Döbereiner	cancelled			Exercises	
Introduction	Computational Methods in Physics, Engineering and Materials Science	Prüfungsleistung	01-PHY-MA-CP-02	Prof. Dr. Vasily Ploshikhin	12.02.26	10 – 12	<small>AIB 1020/1030</small>	Written exam	01.01.-31.01.26