

Timetable Physics M.Sc.

WS 25/26, 1st and 2nd Semester

Last updated: 28.07.2025

Time	Monday		Tuesday	Wednesday		Thursday		Friday		
8 – 9	Physics of Medical Imaging Rasche, Speidel N24/252	Relative-istic Quantum Electro-dynamics Schleich N24/251	Advanced Quantum Mechanics Stickler. N24/251		Econophysics Fundamentals Stockburger O29/1002	Quantum Computing Horstman O25/306		Eco-nophys-ics Fun-damen-tals Stock-burger o25/306	Biophys-ics Lec-ture Se-ries Gebhardt et al. N24/252	General Relativ-ity (S) Plenio, et al. O28/2001
9 – 10										
10 – 11										
11 – 12	Advanced Quantum Mechanics Stickler N24/252		Open Quantum Systems Huelga N24/251		Open Quan-tum Systems Huelga N24/252	Advanced Physics Lab Gonçalves Lab rooms (first meeting: 16.10.25, 8:00, N25/101	Seminar Energy Supply Brida N24/227	Project Manage-ment Kraus N24/252	Relati-vistic Quantum Electro-dynamic Schleich N24/251,	Introduc-tion to NMR Jelezko, Witter O25/346
12 – 13										
13 – 14										
14 – 15	Introduction to NMR Jelezko, Witter N24/252	Condensed Matter Theory Kubala N24/227	General Rela-tivity Plenio, et al. N24/251	Molecular Motors Gebhardt N24/252	Plasma Physics Poli N24/252	Biophysics Lecture Series Gebhardt et al. N24/251		Condensed Matter Theory Kubala N24/227		
15 – 16										
16 – 17	Physics Colloquium online / H13		Plasmonics Gonçalves N24/252			Matter-Wave Optics Brand N24/227	General Relativ-ity Plenio, et al. N24/135	Structure Physics Kaiser O25/306 15.10.25	Matter-Wave Optics Brand N24/251	
17 – 18										

Specialization: Biophysics and Soft Matter, Condensed Matter and Nanosciences, Econophysics, Plasma Physics, Quantum Science and Quantum Technologies, general elective courses

Notes:

Short Title	Long Title (en)	Long Title (de)	Language
Advanced Physics Lab	Advanced Physics Laboratory Course	Fortgeschrittenenpraktikum Physik	
Mathematical Physics	Selected Topics in Mathematical Physics	Ausgewählte Themen in der Mathematischen Physik	
Quantum Machine Learning	Quantum Machine Learning	Quantum Machine Learning	
Biophysics	Fundamental Methods of Biophysics	Fundamentale Methoden der Biophysik	
Condensed Matter Theory	Condensed Matter Theory	Theorie der kondensierten Materie	
Econophysics	Econophysics: Fundamentals	Ökonophysik: Grundlagen	
Matter-Wave Optics	Matter Wave Optics	Einführung in die Materiewellen-Optik	
Molecular Motors	Molecular Motors	Molekulare Motoren	
Medical Physics	Medical Physics	Medical Physics	
Project Management	Successful Project Management - Fundamentals	Erfolgreiches Projektmanagement - Grundlagen	
Plasma Physics	Plasma Physics: Waves, Instabilities and Turbulence	Plasmaphysik: Wellen, Instabilitäten und Turbulenzen	
Plasmonics	Plasmonics and Metamaterials	Plasmonik und Metamaterialien	
Quantum Information	Theory of Quantum Information	Theorie der Quanteninformation	
	-	Strahlenmesstechnik	
Open Quantum Systems	Coherence and Decoherence in Open Quantum Systems	Kohärenz und Dekohärenz in offenen Quantensystemen	
Biophysics Lab A	Michaelis	Biophysics Lab A	

Course#	Course	Lecturer	Time	Language
PHYS6367.0	Crystal Defects: Physical Effects and Mechanics	You (MPI Plasma Physics)	March 2026	