

2) Courses Master Physics

020105 General Theory of Relativity

3 V	Tue 08:00 - 10:00	HG II HS 4		Hiller, G.
	Thu 14:00 - 16:00	CT ZE HS ZE 15		

020106 Exercise on the General Theory of Relativity

Ü	Fri 08:00 - 10:00	SRG 1 2.010		Hiller, G.
	Fri 12:00 - 14:00	HG II HS 8		
	Fri 14:00 - 16:00	SRG 1 2.009		

020111 Statistical Methods of Data Analysis A

2 V	Wed 10:00 - 12:00	HG II HS 2	09.04.2025	Linhoff, M.;Rhode, W.
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020112 Exercises in Statistical Methods of Data Analysis

2 Ü				Rhode, W.
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020201 Many-Body Solid State Theory (Solid State Theory II)

4 VÜ	Tue 12:00 - 14:00	P P1-02-110 P		Anders, F.;Fauseweh, B.
	Fri 10:00 - 12:00	P1-02-110		
Module code:	PHY831			

020107 Astroparticle physics

3 V	Mon14:15 - 15:45	CT ZE HS ZE 01	21.04.2025-14.07.2025	Rhode, W.;Elsässer, D.
	Tue 12:00 - 12:45	HG II HS 2	15.04.2025	

020108 Exercises in astroparticle physics

2 Ü	Fri 12:00 - 14:00	SRG 1 2.009		Elsässer, D.;Rhode, W.
	Fri 12:00 - 14:00	SRG 1 3.008		

020109 Higher quantum mechanics

2 V	Thu 08:00 - 10:00	HG II HS 4		Anders, F.
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020110 Exercises in higher quantum mechanics

2 WÜ	Fri 08:00 - 10:00	P P1-02-323 P		Anders, F.
	Fri 10:00 - 12:00	P1-02-323 HG		
	Fri 10:00 - 12:00	II HS 8		

020111 Electronics

3 V	Tue 13:00 - 14:00	HG II HS 2		Westphal, C.
	Thu 10:15 - 12:00	HG II HS 2		

020112 Exercises in electronics

2 WÜ	Wed 08:00 - 10:00	P P1-02-110		Westphal, C.
	Wed 10:00 - 12:00	SRG 1 2.009 P		
	Wed 12:00 - 14:00	P1-02-110		
	Wed 14:00 - 16:00	SRG 1 3.008		

020113 Computational Physics

4 V	Tue 10:00 - 12:00	HG II HS 2		Bünemann, J.
	Fri 12:00 - 14:00	HG II HS 2		

020114 Exercises in Computational Physics

2 Ü	Tue 12:00 - 14:00 Wed 08:00 - 10:00 Wed 12:00 - 14:00	P P1-02-323 P P1-02-323 P P1-02-323		Bünemann, J.
020218	Seminar: Modern Quantum Computing and Quantum Simulation			
2 S	Mon12:00 - 14:00	P P1-02-323		Fauseweh, B.
020520	Advanced Solid State Physics I: Semiconductors and Light-Matter Interaction			
4 V	Wed 10:00 - 12:00 Thu 12:00 - 14:00	P P2-E0-414 P P2-E0-414		Greilich, A.;Reiter, D.
020117	Detectors			
2 V	Tue 14:00 - 16:00	C HS 1		Albrecht, J.;Weingarten, J.;Wiedner, D.
020741	Quantum Technologies with Atoms and Photons			
2 S	Tue 14:00 - 16:00	P P1-02-110		Narevicius, E.;Weitenberg, C.
020319	Philosophy of science			
2 S	Thu 12:00 - 14:00	SRG 1 3.008		Rhode, W.
020731	Applied laser spectroscopy			
2 V	Fri 08:15 - 09:45			Franzke, J.
020216	Advanced Topics in Quantum Field Theory			
4 VÜ	Tue 10:00 - 12:00 Fri 12:00 - 14:00	P P1-02-323		Stamou, E.
020305	Medical Physics I			
3 V	Mon14:00 - 17:00	HG II HS 2		Bialek, A.;Schneider, M.
020306	Exercises in medical physics I			
2 PÜ	Tue 16:00 - 18:00 Wed 12:00 - 14:00 Wed 14:00 - 16:00	P P1-01-306 P P1-01-306 HG II HS 8		Bialek, A.;Schneider, M.
020203a	Accelerator Physics II			
2 V	Thu 14:00 - 15:30	DELTA DELTA Seminar room	10.04.2025-17.07.2025	Amstutz, P.;Helml, W.;Mai, C.;Schmidt, G.
020203b	Exercise on accelerator physics II			
1 Ü	Thu 15:30 - 16:15	DELTA DELTA Seminar room		Amstutz, P.;Helml, W.;Mai, C.;Schmidt, G.
020203c	Seminar on accelerator physics II			
1 S	Thu 16:15 - 17:00	DELTA DELTA Seminar room		Amstutz, P.;Helml, W.;Mai, C.;Schmidt, G.
020128	Ask me anything: Quantum Dots			
2 S	Wed 16:00 - 18:00	P P1-02-110	09.04.2025-16.07.2025	Cygorek, M.;Reiter, D.

020205 **Statistical methods of data analysis II (block course *in SS25*)**

2 BK n.a. Mon09:00 - 16:00

Albrecht, J.;Schmelling, M.

020605 **Light-matter interaction**

4 VÜ

Lange, C.

Module code: PHY8212

020606 **Seminar InteractionLight-Matter**

2 S

Lange, C.

Module code: PHY8213

020205 **Flavor Physics in Experiment and Theory - Particle Physics II**

3 V Fri 10:00 - 12:00
Fri 14:00 - 16:00

Albrecht, J.;Alexander, L.

020120 **Structural analysis with X-rays (DELTA seminar room)**

3 BK Block - 09:30 - 11:30
Block - 12:30 - 13:30

01.09.2025-12.09.2025

Paulus, M.;Sternemann, C.

01.09.2025-12.09.2025

020230 **Specialized internship 'Electronics'**

4 P Mon10:00 - 18:00

Weingarten, J.

020231 **Specialized practical course 'Solid State Physics'**

4 P

Aßmann, M.;Betz,
M.;Cinchetti, M.;Tolan,
M.;Westphal, C.

020242 **Advanced Laboratory course: Particle physics**

4 P Mon10:00 - 18:00

Albrecht, J.;Kröninger,
K.;Rhode, W.;Wiedner, D.

020233 **Specialized internship 'Theoretical course'**

4 P n.a. - -

Anders, F.;Hiller, G.;Kierfeld,
J.;Löw, U.;Päs, H.;Uhrig,
G.;Reiter, D.

020141 **Current Topics and Techniques in Surface Physics (Room CP-03-190)**

2 S Tue 10:00 - 12:00

Westphal, C.

020142 **Laser: Basics and applications**

2 S Thu 08:00 - 10:00 P P1-02-110

Akimov, I.

020278 **Seminar: Terahertz Dynamics of Condensed Matter (in room CP-03-176)**

2 S Wed 12:00 - 14:00

Lange, C.;Wang, Z.

020716 **Renormalization in Theoretical High-Energy Physics**

2 VÜ Thu 14:00 - 16:00 P P1-02-323

Steudtner, T.

020249 **Maschinelles Lernen für Physiker*innen / Machine Learning for Physicists**

2 VÜ Thu 12:00 - 14:00 10.04.2025-18.07.2025

Burgard, C.;Grunwald, C.

020151 **Detector systems in particle and medical physics (Room CP-03-144)**

S Wed 12:00 - 14:00

Block, A.;Weingarten,
J.;Wiedner, D.

020161 **Attosecond metrology**

2 S every 14 days. Wed 13:00 - 14:30 09.04.2025-09.07.2025
DELTA DELTA
Seminar room

Helml, W.

020417 **Quantum technologies literature seminar (in room CP-01-186)**

2 S Tue 10:00 - 12:00

Aßmann, M.

020147 **Neutrino and gamma astronomy (CP-03-150)**

2 S Fri 14:00 - 16:00

Rhode, W.

020236 **Seminar on Condensed Matter Physics (CMP)**

2 S Thu 12:00 - 14:00 P P1-01-306

Akimov, I.;Aßmann,
M.;Bayer, M.;Betz,
M.;Debus, J.;Yakovlev, D.

021169 **AMO Journal Club (CP-03-186)**

PLC Wed 10:00 - 12:00

Narevicius, E.;Weitenberg,
C.

020156 **Current problems of elementary particle theory**

S Wed 16:00 - 18:00 P P1-01-306

Hiller, G.;Päs, H.

020164 **Modern optics (in room CP-01-186)**

2 S Tue 12:00 - 14:00

Aßmann, M.

020259 **Applied dosimetry**

2 S Wed 14:00 - 16:00 P P1-01-306

Walbersloh, J.;Weingarten, J.

020407 **Practical aspects of particle physics measurements**

4 VÜ Mon08:00 - 10:00 HG II HS 4 P
Tue 10:00 - 12:00 P1-01-306

Albrecht, J.

020232 **Accelerator physics and synchrotron radiation, applications in solid state physics**

2 S Tue 14:15 - 16:00

Helml, W.;Hövel, H.;Khan,
S.;Tolan, M.;Westphal,
C.;Wille, K.

020238 **Aktuelle Themen der Teilchenphysik / TUDO seminar on particle physics**

2 S Thu 16:00 - 17:00

Albrecht, J.;Kröninger, K.

020248 **Cold atoms and molecules**

4 VÜ Tue 08:00 - 12:00 P P1-02-110

Narevicius, E.;Weitenberg, C.

020246 **Falsche Entdeckungen in der Teilchenphysik / False Discoveries in Particle Physics**

2 S Thu 14:00 - 16:00

Albrecht, J.;Wegener, D.

020126	From SM to BSM Physics			
2 V	Wed 14:00 - 16:00	P P1-02-110	09.04.2025-28.05.2025	Päs, H.
	Thu 10:00 - 12:00	P P1-02-110	10.04.2025-22.05.2025	
020166	Physics beyond the SM			
2 S	Wed 14:00 - 16:00	P P1-02-110	04.06.2025-16.07.2025	Päs, H.
	Thu 10:00 - 12:00	P P1-02-110	29.05.2025-17.07.2025	
020184	Ultrafast spintronics and light driven magnetization dynamics			
2 S	Mon10:00 - 12:00	P P1-02-323		Kovalev, S.
020176	Directions for New Physics			
2 S	Thu 16:00 - 18:00	P P1-01-306		Hiller, G.
020284	Laboratory of condensed matter physics: Terahertz time-domain spectroscopy (THz-TDS)			
4 VÜ	Tue 14:00 - 16:00		01.04.2025	Ghalgaoui, A.
	Wed 14:00 - 16:00			
020194	Particle physics meets astroparticle physics (CP-03-123)			
2 S	Thu 12:30 - 14:00			Mitzel, D.;Riehn, F.
020841	Computer practical course: Applied proton therapy			
4 P	Mon14:00 - 16:00	P P1-02-110		Lühr, A.
	Wed 12:00 - 14:00			
021105	Radiation protection course (25.9.-28.9.)			
BK				Block, A.;Ibisi, S.;Loot, K.;Lühr, A.
020505	Practical aspects of instrumentation			
2 V	Thu 12:00 - 13:30			Lecturers of the Elementary Particle Physics;Kröninger, K.;Weingarten, J.
020294	Ultrafast Spectroscopic Methods in Solid State Physics			
V	Fri 08:00 - 10:00			Kovalev, S.
020245	Theoretical problems of condensed matter			
2 S	Wed 10:00 - 12:00	P P1-02-323		Anders, F.;Bünemann, J.;Cygorek, M.;Fauseweh, B.;Kierfeld, J.;Reiter, D.;Risselada, H.;Sulaiman, V.;Uhrig, G.
020171	Occupational fields in physics: Physicists report from practice			
2 S	Mon16:00 - 18:00	P P2-E0-414		Lecturers of the faculty
020199	Physics colloquium			
2 K	Tue 16:30 - 18:30	HG II HS 2		Lecturers of the faculty