

Primary and Secondary AoS Nuclear and Particle Physics (Nuc)

Coordination: P. Reiter

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	hpw	CP	WS 23/24	SS24	WS 24/25	SS25	WS 25/26	SS26
Core Courses								
Advanced Nuclear Physics (from WS 23/24)	3+1	6	x		x		x	
Particle Physics	3	4.5						
Detectors for Nuclear and Particle Physics (from WS 23/24)	3+1	6		x		x		x
Specialized courses								
Theoretical Nuclear Physics I	2	3						
Theoretical Nuclear Physics II	2	3						
Theoretical Nuclear Physics III (Symmetries of Atomic Nuclei)	2	3						
Accelerator Mass Spectroscopy	2	3						
Nuclear Astrophysics	2	3						
Nuclear Methods in Medicine	2	3						
Particle Physics	2	3				(x)		(x)
Selected Problems in Nuclear Structure	2	3	x					
Selected Topics of Modern Nuclear Physics	2	3		(x)		(x)		(x)
Heavy Ion Physics	2	3						
Nuclear Physics with Radioactive Ion Beam	2	3	x					
Selected Topics on Future Energy Supply	2	3						
Applied Nuclear Physics	2	3						
Seminars								
Advanced Seminar	2	3	x	x	x	x	x	x

x confirmed

(x) planned

Nuclear Physics as Primary: 2 core courses; 2 specialized courses.

as Secondary: at least one core course; further core course or sufficient specialized courses.