Bachelor in Physics, University of Bonn

Bachelor thesis																	physics590	Bachelor thesis				12 LP
Extra courses	physics130/131	Introduction to EDP	Introduction to EDP 1+2 SWS 4 LP														physics540/541	Seminar Presentation	3 SWS 3 LP	physics540/542	Seminar for Bachelor thesis	2 SWS 2 LP
Overview exams																	physics530/531	Examination Experimental Physics	4 LP	physics530/532	Examination Theoretical Physics	4 LP
Elective	physics120	Courses from Astronomy / Chemistry / Informatics / Meteorology / Business studies / Economics / Philosophy															S LP					6 LP
Theoretical Physics				physics220/221	Theoretical Physics I Mechanics	4+3 SWS 9 LP	physics320/321		Theoretical Physics II	Electrodynamics			4+3 SWS 9 LP	physics420/421	al Phy	4+3 SWS 11 LP	physics520/521	Theoretical Physics IV Statistical Physics	4+3 SWS 9 LP			
Mathematics	math140/141	Mathematics I for Physicists 6+3 SWS 13 LP math240/241 Mathematics II for Physicists 4+3 SWS 11 LP math340/341				math340/341	Mathematics III for Physicists 4+3 SWS 11 LP					physics440/441	Il meth	2+2 SWS 6 LP								
Laboratory				physics260/112	Lab course Mechanics, Thermodynamics	3 SWS 3 LP	physics360/212	Lab course Electromagnetism	3 SWS 3 LP	Physics360/312	Lab course	Optics and wave mechanics	3 SWS 3 LP	physics460/313	se elec	4 SWS 4 LP	physics 560/412	Lab course Atoms, Molocules, Condensed Matter	5 SWS 5 LP	physics660/512	Lab course Cores and Paritcles	5 SWS 5 LP
Experimental physics	physics110/111	Physics I Mechanics, Thermodynamics	4+2 SWS 7 LP	physics110/211	Physics II Electromagnetism	4+2 SWS 7 LP	physics110/311	Physik III Optics and wave	mechanics	4+2 SWS 7 LP				physics410/411	ics IV Toloci	4+2 SWS 7 LP	physics410/511	Physics V Cores and Paritcles	4+2 SWS 7 LP			
180 LP*	1. Sem.			2. Sem.			3. Sem.							4. Sem.			5. Sem.			6. Sem.		

* LP: Credits, 1LP= 30h of work SWS (x+y): Hours per week for lecture (x) and exercise classes (y).