

Study programme Bachelor of Science in Physics: Single Major and Major 150 ECTS

1*** Fall (31)	(General) Physics I PHY111 8 ECTS	Physics I Addendum PHY110 2 ECTS	Physics Laboratory Work I PHY112 3 ECTS		Linear Algebra I MAT111 9 ECTS	Analysis I MAT121 9 ECTS
----------------------	--------------------------------------	--	---	--	-----------------------------------	-----------------------------

Semester Break

2 Spring (29)	(General) Physics II PHY121 8 ECTS	Physics II Addendum PHY120 2 ECTS	Physics Laboratory Work II PHY122 4 ECTS	Informatics for Physics Majors PHY124 5 ECTS	Lin. Algebra II for Physics Majors MAT142 2 ECTS	Analysis II for Physics Majors MAT132 8 ECTS
---------------------	---------------------------------------	---	--	--	--	--

3 Fall (28/27)	(Modern) Physics III PHY131 8 ECTS	Data Analysis I PHY231 3 ECTS		Mathematical Methods in Physics PHY312 8 ECTS	Mechanics PHY311 8 ECTS	Elective Modules or Minor Study Programme (30 ECTS)
	Mech. Workshop I* PHY113 1 ECTS					

4 Spring (30/25)	(Modern) Physics IV PHY141 5 ECTS	Data Analysis II* PHY241 2 ECTS	Electronics* PHY250 3 ECTS	Mathematical Methods in Physics II PHY322 8 ECTS	Electrodynamics PHY321 8 ECTS	
	Physics Lab. Work III PHY132 4 ECTS					

5 Fall (22)	Solid State Physics PHY210 5 ECTS	SSP Lab. PHY220 2 ECTS	Nuclear and Particle Physics I PHY211 5 ECTS	NPP Lab. PHY221 2 ECTS	Core Elective Module 5/8 ECTS	Quantenmechanik I PHY331 8 ECTS
-------------------	---	------------------------------	--	------------------------------	-------------------------------------	------------------------------------

6 Spring (16/14)	Bachelor Work PHY399 12 ECTS		Proseminar Exp. Physics** PHY291 2 ECTS		Core Elective Module 5/8 ECTS	Proseminar Theoretical Physics** PHY391 2 ECTS
------------------------	------------------------------------	--	---	--	-------------------------------------	--

* = Compulsory for single major only. Elective modules for major 150 ECTS.
 ** = Core elective modules for major 150 ECTS (proseminar block).
 *** = Semester, fall/spring term, (single major/major 150) ECTS in this semester in compulsory modules.