

CP →	3	6	9	12	15	18	21	24	27	30	sum	
6.→ Semester	Praxismodul Engineering Physics (PB)					Thesis						
SWS	1(2 Month)					2 (max. 4 month)					3	
CP	15					15					30	
5.→ Semester	Control Systems		Solid-State Physics		Material Science		PB e.g. Spec.		PB / Lab Project II			
SWS	5		6		4		4		6		25	
CP	6		6		6		6		6		30	
4.→ Semester	Numerical Methods		Thermodynamics & Statistics		Physical Measurement Techniques		Quantum Structure of Matter		PB e.g. Spec.			
SWS	4		6		5		4		4		23	
CP	6		6		6		6		6		30	
3.→ Semester	Mathematical Methods for Physics and Engineering III		Atomic and Molecular Physics		Lab Project I (Project)		Specialization		PB e.g. Computing			
SWS	4		6		6		2		2		5	25
CP	6		6		6		3		3		6	30
2.→ Semester	Mathematical Methods for Physics and Engineering II		Electrodynamics and Optics (Electrodynamics and Optics/Optical Systems)			Basic Engineering (Applied Mechanics)	Electronics		Lab Project I (Design Fundamentals)	Basic Laboratory (Course II)		
SWS	4		6		2	2	6		2	4	26	
CP	6		6		3	3	6		3	4	31	
1.→ Semester	Mathematical Methods for Physics and Engineering I			Mechanics		Basic Engineering (Production Engineering)	Basic Laboratory (Course I)		PB e.g. Language			
SWS	6			6		2	4		4		22	
CP	9			6		3	5		6		29	

Curriculum - Bachelor Engineering Physics - Fields of study: **Math** , **Engineering & Physics** , **Specialization** , **Laboratory** , **Thesis** $\sum SWS = 101$, $\sum CP = 180$