

Table 1: Curriculum - Bachelor Engineering Physics: Math, Physics, Engineering, Specialization, Laboratory, Thesis $\sum SWS = 101, \sum CP = 180$

CP →	3	6	9	12	15	18	21	24	27	30	sum					
6. Semester	Practice Module Engineering Physics (PB)															
SWS	1(2 Month)															
CP	15															
5. Semester	Control Systems			Solid-State Physics			Material Science			PB e.g. Spec.			PB / Lab Project II			
SWS	5			6			4			4			6			
CP	6			6			6			6			6			
4. Semester	Numerical Methods			Thermodynamics & Statistics			Metrology			Quantum Structure of Matter			PB e.g. Spec.			
SWS	4			6			5			4			4			
CP	6			6			6			6			6			
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			
CP	6			6			6			3			3			
2. Semester	Mathematical Methods for Physics and Engineering II			Electrodynamics and Optics			Basic Engineering (Applied Mechanics)			Electronics			Lab Project I (Design Fundamentals)	Basic Laboratory (Course II)		
SWS	4			6			2			6			2	4		
CP	6			6			3			6			3	4		
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