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)**					**Thesis**					
SWS	1(2 Month)					2 (max. 4 month)					3
CP	15					15					30
5. Semester	**Control Theory**		**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**		**Metrology**	**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. Spec.		
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**		**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. Computing		
SWS	6			6	2	4			4		22
CP	9			6	3	5			6		29