

Exemplary Study Plans

Table 1: Exemplary curriculum with focus Experimental Quantum Science & Technology

Semester	Modules				Credits in total	
1.	QST Theory: Quantum Information (TUMLMU) Mandatory w ritten exam (Klausur) 10 CP		QST Experiment: Quantum Hardware (TUMLMU) Mandatory w ritten exam (Klausur) 10 CP		Ultracold Quantum Gases (PH-LMU) Electives w ritten exam (Klausur) 9 CP	29
2.	Advanced Practical Training Mandatory laboratory assignement 6 CP	Writing Scientific Papers: English Writing for Physics Electives Presentation 4 CP	Applied Superconductivity (PH-TUM) Electives w ritten exam (Klausur) 9 CP	Quantum Optoelectronics (PH-LMU) Electives w ritten exam (Klausur) 6 CP	Semiconductor Quantum Electronics (PH-TUM) Electives w ritten exam (Klausur) 5 CP	31
Legend:	light grey = Mandatory modules of semester 1 and 2 dark grey = General education subjects light blue = Elective modules of focus areas					

Table 2: Exemplary curriculum with focus Theoretical Quantum Science & Technology

Semester	Modules				Credits in total	
1.	QST Theory: Quantum Information (TUMLMU) Mandatory w ritten exam (Klausur) 10 CP		QST Experiment: Quantum Hardware (TUMLMU) Mandatory w ritten exam (Klausur) 10 CP		Quantum Many Body Physics (PH-TUM) Electives Presentation 10 CP	30
2.	Advanced Practical Training Mandatory laboratory assignement 6 CP	Writing Scientific Papers: English Writing for Physics Electives Presentation 4 CP	Topology and New Kinds of Order in Condensed Matter Physics (PH-TUM) Electives Presentation 10 CP	Representation of Compact Groups (M-TUM) Electives oral exam 5 CP	Simulation of Quantum Devices (EITUM) Electives oral exam 5 CP	30
Legend:	light grey = Mandatory modules of semester 1 and 2 dark grey = General education subjects light blue = Elective modules of focus areas					