

Study Program:		Quantum Engineering (Master of Science)		
Version: 18.08.2020		Master with 1 Major (120 ECTS Credits)		
FS	Modules	Field	ECTS	SWS
1	Advanced Laboratory Course Master Part 1	WPF	3	3
	Advanced Laboratory Course Master Part 2	WPF	3	3
	Elective Module, e.g. Solid State Physics 2	WPF	8	6
	Elective Module, e.g. Spintronics	WPF	6	4
	Elective Module, e.g. Optical Properties of Semiconductor Nanostructures	WPF	6	4
	Elective Module, e.g. Solid State Spectroscopy	WPF	6	4
Subtotal 1st Semester			32	24
2	Advanced Laboratory Course Master Part 3	WPF	3	3
	Advanced Seminar Nanotechnology A / B	WPF	5	2
	Elective Module, e.g. Quantum Mechanics 2	WPF	8	6
	Elective Module, e.g. Quantum Transport	WPF	6	4
	Elective Module, e.g. Topology in Solid State Physics	WPF	6	4
Subtotal 2nd Semester			28	19
3	Professional Specialization Quantum Engineering	A	15	4
	Scientific Methods and Project Management Quantum Engineering	A	15	4
Subtotal 3rd Semester			30	8
4	Master Thesis Quantum Engineering	A	30	---
Subtotal 4th Semester			30	---
Total			120	51