

NQ (without prior knowledge of quantum mechanics)

Compulsory module area – 36 credit points (CP)

Module number	Module name	CP
4QSMA01	Concepts of Quantum Science	6
4QSMA02	Seminar: Quantum Science	6
4QSMA03	Mini Research Project	9
4QSMA04	Quantum Phenomena	6
4QSMA05	Introduction to Quantum Theory	9

Elective module area – 36 credit points (CP)

4 to 6 modules from the areas:

- *Quantum Topics*
- *Methods and Applications*
- *Other*

Modules should be selected so that exactly 36 credit points (CP) are achieved.

Preparation for the Master's thesis – 18 credit points (CP)

Module number	Module name	CP
4QSMA06	Preparation Project	18

Master's thesis – 30 credit points (CP)

(thesis 75%; colloquium 25%)

Module number	Module name	CP
8900	Master Thesis	22,5
4QSMA07-P	Colloquium for the Master's thesis	7,5

Requirements for the Master's thesis: at least 33 credit points (CP) + Concepts of Quantum Science, Quantum Phenomena, Introduction to Quantum Theory, Preparation Project