The following are the educational requirements:

A three-year graduate is required to complete at least 11.5 points (see below for list of possible courses) within the framework of the points for which h/shee is required for a master's degree.

An engineering graduate (4 years) will be required for 5.5 points (see below for list of possible courses). In addition to these points, such student must attend the course "Introduction to Quantum Molecular Technology" or an equivalent course during their undergraduate studies.

The specific program requirement**:**

1. 7.5 credit points from the following "core courses": (4 points for graduates of the four years degree)
2. a. "**Introduction to molecular quantum tech**" (127446)- 3.5 credit points

Four years degree graduates will be required to take this course in the framework of their undergraduate studies.

1. "**Applications of molecular quantum technology**" (127447) – 2 credit points
2. c**. "Quantum Technology lab A**" (126604)- 2 credit points OR

"**Quantum Technology lab B (126605)*** 4 credit points

* lab will be opened only for three years degree graduates

2. 4 additional points (1.5 for graduates of the four years degree) from one of the following courses:
3. "**Biophotochemistry and quantum properties**" (127450)- 2 credit points
4. "**Quantum control & measurement in P Chem**" (127452)- 3 credit points
5. "**Physical chemistry of quantum materials**" (127451)- 3 credit points
6. "**Advanced experimental methods in NR**" (128429)- 2 credit points
7. "**Noisy quantum computing**"(116037)- 2 credit points
8. "**Advanced quantum information theory**" (116040))- 2 credit points
9. "**quantum of radiation and matter"** (118137)- 3.5 credit points