

Specialization B

Core courses example 1

Introduction to Quantum science and technology

Semiconductors devices I

Introduction to Quantum Computation

Solid State Systems for Quantum Information

Specialization B

Core courses example 2

Introduction to Quantum science and technology

Quantum mechanics for non-physicists

Quantum and Nanocomputing

Solid State Systems for Quantum Information

Specialization B Options Example 1

Deep Learning

Semiconductor Devices II

Photonic systems and technology

Metrology

Metrology practicals

Fundamentals of Solid-State Materials

Quantum Transport in Mesoscopic Systems

Nonlinear Optics for Quantum Technologies

Semiconductor Physics and Light-Matter Interaction

Nanotechnology

Nanoelectronics

Specialization B Options Example 2

Machine learning II

Properties of semiconductors and related nanostructures

Photonic systems and technology

Metrology

Metrology practicals

Atomistic and Quantum Simulations of Materials

Quantum Transport in Mesoscopic Systems

Photonic systems and technology

Molecular Quantum Dynamics

Lab in Nanoelectronics