Serious Quantum Information Science & Technology Courses Online

QuTech Academy, School of Quantum (Free): https://www.qutube.nl

Quantum Information (Free): https://learning.quantum.ibm.com/course/basics-of-quantum-information

Variational Algorithm Design (Free): https://learning.quantum.ibm.com/course/variational-algorithm-design

Quantum Computing for Natural Sciences (Free): https://open.hpi.de/courses/qc-nature2023

Quantum Machine Learning (Free): https://open.hpi.de/courses/qc-machineLearning2023

Topology in Condensed Matter (Free): https://topocondmat.org/index.html

Below are Paid Programs (Can be audited for free) _____

Hardware of a Quantum Computer: https://www.edx.org/learn/quantum-computing/delft-university-of-technology-the-hardware-of-a-quantum-computer

Machine Learning for Semiconductor Quantum Devices: https://www.edx.org/learn/machine-learning/delft-university-of-technology-machine-learning-for-semiconductor-quantum-devices

Professional Certificate, Quantum 301: Quantum Computing with Semiconductor Technology: https://www.edx.org/certificates/professional-certificate/delftx-quantum-301-quantum-computing-with-semiconductor-technology

Quantum Optics 1: https://www.coursera.org/learn/quantum-optics-single-photon

Quantum Optics 2: https://www.coursera.org/learn/quantum-optics-two-photons

Introduction to Quantum Transport: https://www.edx.org/learn/electronics/purdue-university-introduction-to-quantum-transport

Quantum Transport: https://www.edx.org/learn/nanotechnology/purdue-university-fundamentals-of-nanoelectronics-part-b-quantum-transport

Nanoscience and Technology, MicroMasters Program: https://www.edx.org/masters/micromasters/purduex-nano-science-technology

Quantum Espresso Training: https://www.udemy.com/course/quantum-espresso-software-training