

Sample Study Plan for PHQT (P)

Option with PA & FYP

**PLAN YOUR
STUDIES**



YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, Introduction to Computational Thinking, CC0001, CC0003

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0007, CC0015

YEAR THREE

S1: Thermal Physics, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, MLxxxx-ICC PS

S2: MPE1, Physics of Classical and Quantum Information, Open Quantum Systems, Quantum Hardware, QT-Elect 1

Exchange Immersion

YEAR TWO

S1: Linear Algebra for Scientists, Electromagnetism, Physics Lab IIA, Analytical Mechanics, Probability, ML0004

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, Physical Optics, CC0006, CSL

YEAR FOUR

S1: Physics Lab IIIA, MPE2, QT-Elect 2, BDE1

S2: Final Year Project, QT-Elect 3



SPECIAL TERM

Professional Attachment

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YEAR FOUR

S1: Physics Lab IIIA, MPE2, QT-Elect 2, QT-Elect 3, BDE1

S2: Professional Internship*

***NOTE:**

PI completed in last semester runs the risk of delayed graduation

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