

Sample Study Plan for PHQT (P)

Option with PA & FYP

YEAR TWO

S1: Linear Algebra for Scientists,
Electromagnetism, Physics Lab
IIA, Probability, CC0007
S2: Quantum Mechanics 1,
Physics Lab IIB, Complex
Methods for the Sciences,
Introduction to DSAI, Physical
Optics, ML0004, CC0006

YEAR ONE

S1: Mechanics, Optics,
Vibrations & Waves,
Physics Lab IA, Calculus for
the Sciences, Introduction
to Computational
Thinking, CC0002
S2: Electricity &
Magnetism, Relativity &
Quantum Physics, Physics
Lab IB, Calculus for
Physics, CC0001, CC0003,
CC0005

SPECIAL TERM

Professional Attachment

Plan your studies

04

YEAR FOUR

S1: Physics Lab IIIA,
MPE2, QT-Elect 2, BDE1
S2: Final Year Project, QT-
Elect 3

YEAR THREE

S1: Thermal Physics, Quantum
Mechanics II, Technological
Applications of Quantum
Mechanics, Communication
Across the Sciences, QT-Elect 1
S2: MPE1, Physics of Classical
and Quantum Information,
Open Quantum Systems,
Quantum Hardware

Exchange Immersion

02

03

01

Sample Study Plan for PHQT (P)

Option with PI & NO FYP

YEAR TWO

S1: Linear Algebra for Scientists, Electromagnetism, Physics Lab IIA, Probability, CC0007

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, Physical Optics, ML0004, CC0006

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, Introduction to Computational Thinking, CC0002

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0001, CC0003, CC0005

Plan your studies

04

YEAR FOUR

S1: Physics Lab IIIA, MPE2, QT-Elect 2, QT-Elect 3, BDE1
S2: Professional Internship

03

YEAR THREE

S1: Thermal Physics, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, QT-Elect 1

S2: MPE1, Physics of Classical and Quantum Information, Open Quantum Systems, Quantum Hardware

Exchange Immersion

02

01

Sample Study Plan for PHQT (P)

Option with PI & FYP

Plan your studies

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, Introduction to Computational Thinking, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0001, CC0003, CC0005

YEAR TWO

S1: Linear Algebra for Scientists, Electromagnetism, Physics Lab IIA, Probability, CC0007
S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, Physical Optics, ML0004, CC0006

03

YEAR THREE

S1: Thermal Physics, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, QT-Elect 1
S2: MPE1, Physics of Classical and Quantum Information, Open Quantum Systems, Quantum Hardware, BDE1

Exchange Immersion

04

YEAR FOUR

S1: Physics Lab IIIA, Final Year Project, MPE2, QT-Elect 2, QT-Elect 3
S2: Professional Internship