Sample Study Plan for PHQT (A)
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, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0001, CC0003, CC0005

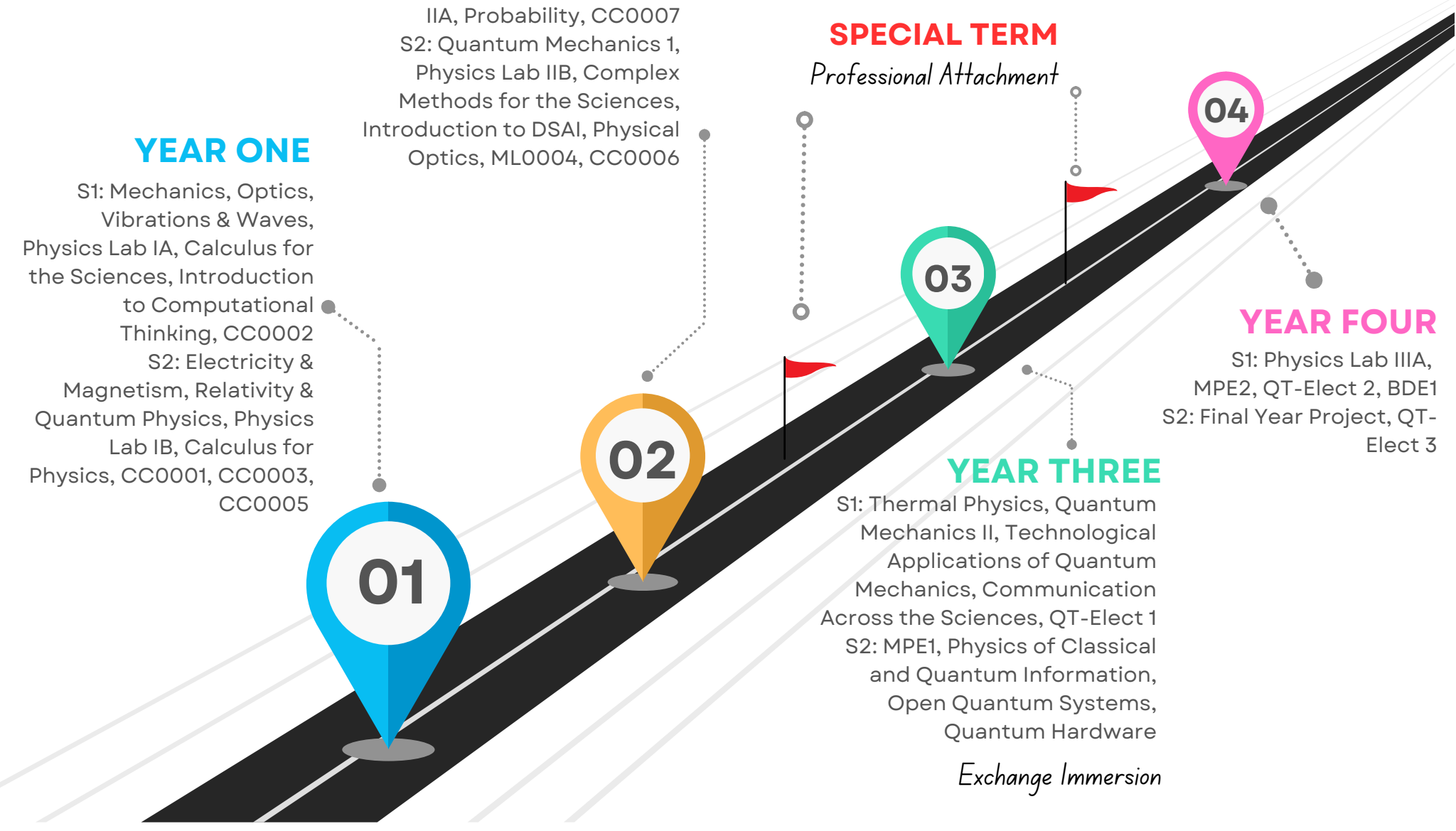
YEAR TWO
S1: Linear Algebra for Scientists, Electromagnetism, Physics Lab IIA, Probability, CC0007
S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, Physical Optics, ML0004, CC0006

SPECIAL TERM
Professional Attachment

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

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



Sample Study Plan for PHQT (A)
Option with PI & NO 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

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, QT-Elect 2

Exchange Immersion

YEAR FOUR

S1: Physics Lab IIIA, MPE2, QT-Elect 3, QT-Elect 4, BDE1
S2: Professional Internship

01 02 03 04

Sample Study Plan for PHQT (A)
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

YEAR THREE
S1: Thermal Physics, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, QT-Elect 1, QT-Elect 2
S2: MPE1, Physics of Classical and Quantum Information, Open Quantum Systems, Quantum Hardware, BDE1

Exchange Immersion

YEAR FOUR
S1: Physics Lab IIIA, Final Year Project, MPE2, QT-Elect 3, QT-Elect 4
S2: Professional Internship