

Sample Study Plan for PHSN (P)

Option with PA & FYP

**PLAN YOUR
STUDIES**



YEAR ONE

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

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

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, SN-Req 2, MLxxxx-ICC PS

S2: Physics Lab IIIA, MPE1, SN-Req 3, SN-Elect 1, SN-Elect 2

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Analytical Mechanics, Physics Lab IIA, Introduction to Computational Thinking, ML0004

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, CC0003, SN-Req 1, CSL

YEAR FOUR

S1: MPE2, SN-Req 4, SN-Req 5, SN-Elect 3

S2: Final Year Project, SN-Elect 4, SN-IDP

Exchange Immersion



SPECIAL TERM

Professional Attachment

Sample Study Plan for PHSN (P)

Option with PI w/o FYP

**PLAN YOUR
STUDIES**



YEAR ONE

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

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

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, SN-Req 2, MLxxx-ICC PS

S2: Physics Lab IIIA, MPE1, SN-Req 3, SN-Elect 1, SN-Elect 2

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Analytical Mechanics, Physics Lab IIA, Introduction to Computational Thinking, ML0004

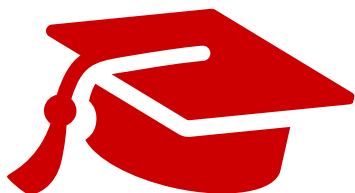
S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, CC0003, SN-Req 1, CSL

YEAR FOUR

S1: Professional Internship

S2: MPE2, SN-Req 4, SN-Req 5, SN-Elect 3, SN-Elect 4, SN-IDP

Exchange Immersion



Sample Study Plan for PHSN (P)

Option with PI & FYP

**PLAN YOUR
STUDIES**



YEAR ONE

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

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

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, SN-Req 2, MLxxxx-ICC PS

S2: Physics Lab IIIA, SN-Req 3, SN-Elect 1, SN-Elect 2, Final Year Project

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Analytical Mechanics, Physics Lab IIA, Introduction to Computational Thinking, ML0004

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, CC0003, SN-Req 1, CSL

YEAR FOUR

S1: Professional Internship

S2: MPE1, MPE2, SN-Req 4, SN-Req 5, SN-Elect 3, SN-Elect 4, SN-IDP

Exchange Immersion

