Sample Study Plan for PHDA (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, Algorithms and Computing, CC0007, CC0015

YEAR TWO

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

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, CC0006, CSL, BDE1

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, MLxxxx-ICC PS, MPE1

S2: Physics Lab IIIA, DA-Req 1, DA-Req 2, DA-Elect 1, DA-Elect 2

YEAR FOUR

S1: DA-Req 3, DA-Elect 3, BDE2, BDE3, BDE4

S2: Final Year Project, MPE2, BDE5

Exchange Immersion

SPECIAL TERM

Professional Attachment

Sample Study Plan for PHDA (P)

Option with PI w/o 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, Algorithms and Computing, CC0007, CC0015

YEAR TWO

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

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, CC0006, CSL, BDE1

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, DA-Req 1, MLxxxx-ICC PS

S2: Physics Lab IIIA, DA-Req 2, DA-Elect 1, DA-Elect 2, MPE1, MPE2

YEAR FOUR

S1: Professional Internship

S2: DA-Req 3, DA-Elect 3, DA-Elect 4, BDE2, BDE3, BDE4, BDE5

Exchange Immersion

Sample Study Plan for PHDA (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, CC0001, CC0003

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

YEAR TWO

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

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, CC0006, CSL, BDE1

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, MPE1, MLxxxx-ICC PS, DA Req 1

S2: Physics Lab IIIA, DA-Req 2, DA-Elect 1, DA-Elect 2, MPE2, BDE2

YEAR FOUR

S1: Professional Internship

S2: Final Year Project, DA-Req 3, DA-Elect 3, BDE3

Exchange Immersion