

Sample Study Plan for PHDA (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, Algorithms and Computing, CC0001, CC0003, CC0005

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Probability and Introduction to Statistics, ML0004

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Introduction to DSAI, CC0006, CC0007

SPECIAL TERM

Professional Attachment

03

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Physics Lab IIIA, Communication Across the Sciences

S2: Data Analysis with Computer, DA-Req 1, DA-Req 2, DA-Elect 1, MPE1, BDE1

04

YEAR FOUR

S1: DA-Req 3, DA-Elect 2, BDE2, BDE3, BDE4

S2: Final Year Project, MPE2, DA-Elect 3

Exchange Immersion

Sample Study Plan for PHDA (A)

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, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, Algorithms and Computing, CC0001, CC0003, CC0005

YEAR TWO

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

03

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Physics Lab IIIA, Communication Across the Sciences, DA-Elect 1
S2: Data Analysis with Computer, DA-Req 1, DA-Req 2, MPE1, MPE2, BDE1

04

YEAR FOUR

S1: DA-Req 3, DA-Elect 2, DA-Elect 3, BDE2, BDE3, BDE4
S2: Professional Internship

Exchange Immersion

Sample Study Plan for PHDA (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, Algorithms and Computing, CC0001, CC0003, CC0005



YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Probability and Introduction to Statistics, ML0004

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Introduction to DSAI, CC0006, CC0007



03

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Physics Lab IIIA, Communication Across the Sciences, DA-Req 1

S2: Data Analysis with Computer, DA-Req 2, DA-Elect 1, MPE1, MPE2, BDE1

04

YEAR FOUR

S1: Final Year Project, DA-Req 3, DA-Elect 2, DA-Elect 3, BDE2

S2: Professional Internship

Exchange Immersion