Sample Study Plan for PHDA (A)
Option with PA & FYP

Plan your studies

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Probability, CC0006, BDE1

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

SPECIAL TERM
Professional Attachment

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, Introduction to Computational Thinking, CC0001, CC0015

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, Algorithms and Computing, CC0003, ML0004

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YEAR FOUR

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

S2: Professional Internship, MPE2, DA-Elect 3

Exchange Immersion

YEAR THREE

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

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

Sample Study Plan for PHDA (A)
Option with PI w/o FYP

Plan your studies

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Probability, CC0006, BDE1

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

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, Introduction to Computational Thinking, CC0001, CC0015

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, Algorithms and Computing, CC0003, ML0004

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04

YEAR FOUR

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

S2: Professional Internship

Exchange Immersion

YEAR THREE

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

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

Sample Study Plan for PHDA (A)
Option with PI & FYP

Plan your studies

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Probability, CC0006, BDE1

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

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, Introduction to Computational Thinking, CC0001, CC0015

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, Algorithms and Computing, CC0003, ML0004

04

03

02

01

YEAR FOUR

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

S2: Professional Internship

Exchange Immersion

YEAR THREE

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

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