

Sample Study Plan for PHSN (A)

Option with PA & FYP

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introduction to Computational Thinking, ML0004, SN-Req 1

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

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, CC0002

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

SPECIAL TERM

Professional Attachment

Plan your studies

04

YEAR FOUR

S1: Final Year Project, SN-Req 4, SN-Req 5, SN-Elect 3
S2: MPE2, SN-Elect 4, SN-IDP

YEAR THREE

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

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

Exchange Immersion

01

02

03

Sample Study Plan for PHSN (A)

Option with PI & NO FYP

Plan your studies

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0001, CC0003, CC0005

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introduction to Computational Thinking, ML0004, SN-Req 1
S2: Quantum Mechanics 1, Physics Lab IIB, Physical Optics, Complex Methods for the Sciences, Introduction to DSAI, CC0006, CC0007

03

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, SN-Req 2
S2: Physics Lab IIIA, MPE1, SN-Req 3, SN-Elect 1, SN-Elect 2

04

YEAR FOUR

S1: Professional Internship
S2: MPE2, SN-Req 4, SN-Req 5, SN-Elect 3, SN-Elect 4, SN-IDP
Exchange Immersion

Exchange Immersion

Sample Study Plan for PHSN(A)

Option with PI & FYP

Plan your studies

YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0001, CC0003, CC0005

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introduction to Computational Thinking, ML0004, SN-Req 1
S2: Quantum Mechanics 1, Physics Lab IIB, Physical Optics, Complex Methods for the Sciences, Introduction to DSAI, CC0006, CC0007

03

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Communication Across the Sciences, SN-Req 2
S2: Physics Lab IIIA, Final Year Project, SN-Req 3, SN-Elect 1, SN-Elect 2
Exchange Immersion

04

YEAR FOUR

S1: Professional Internship
S2: MPE1, MPE2, SN-Req 4, SN-Req 5, SN-Elect 3, SN-Elect 4, SN-IDP
Exchange Immersion