

Sample Study Plan for PHMS

Option with MAS-FYP

Plan your studies

YEAR TWO

S1: Optics, Vibrations and Waves, Physics Lab IIA, Calculus II, Introduction to Computational Thinking, Physics Lab IIB, Complex Methods for the Sciences, Real Analysis I, ML0004
S2: Quantum Mechanics 1, Introduction to DSAI, CC0006, CC0007

YEAR ONE

S1: Mechanics, Physics Lab IA, Calculus I, Linear Algebra I, Foundations of Mathematics, CC0002
S2: Electricity & Magnetism, Relativity and Quantum Physics, Calculus II, Linear Algebra II, CC0001, CC0003, CC0005

SPECIAL TERM

Professional Attachment

03

YEAR THREE

S1: Electromagnetism, Thermal Physics, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Probability & Introduction to Statistics
S2: Algorithms & Computing, Algebra I, Ordinary Differential Equations, Communication Across the Sciences, PH-MPE1, MH-MPE1

YEAR FOUR

S1: PH-MPE2, PH-MPE3, PH-MPE4, BDE1, BDE2, BDE3
S2: Final Year Project, PH4511
Exchange Immersion

02

01

04

Sample Study Plan for PHMS

Option with PAP-FYP

Plan your studies

YEAR ONE

S1: Mechanics, Physics Lab IA, Calculus I, Linear Algebra I, Foundations of Mathematics, CC0002
S2: Electricity & Magnetism, Relativity and Quantum Physics, Calculus II, Linear Algebra II, CC0001, CC0003, CC0005

YEAR TWO

S1: Optics, Vibrations and Waves, Physics Lab IIA, Calculus II, Introduction to Computational Thinking, Real Analysis I, ML0004
S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Introduction to DSAI, CC0006, CC0007

SPECIAL TERM

Professional Attachment

YEAR THREE

S1: Electromagnetism, Thermal Physics, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Probability & Introduction to Statistics
S2: Algorithms & Computing, Algebra I, Ordinary Differential Equations, Communication Across the Sciences, PH-MPE1, MH-MPE1

YEAR FOUR

S1: MH-MPE2, MH-MPE3, BDE1, BDE2, BDE3
S2: Final Year Project, PH4511
Exchange Immersion