

Sample Study Plan for PHMP

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, Introduction to DSAI, CC0007

YEAR THREE

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

S2: Physics Lab IIIA, Magnetic Resonance Imaging, Biomechanics and Exercise Physiology, Radiobiology and Radiation Protection, Medical Physics for Radiotherapy, MPE1

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, ML0004, CC0015, CSL

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, CC0006

YEAR FOUR

S1: Final Year Project, PH-Elect 1, BS-Elect 2, BDE1

S2: MPE2, PH-Elect 3, BS-Elect 4

Exchange Immersion

SPECIAL TERM

Professional Attachment

Sample Study Plan for PHMP

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, Introduction to DSAI, CC0007

YEAR THREE

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

S2: Physics Lab IIIA, Magnetic Resonance Imaging, Biomechanics and Exercise Physiology, Radiobiology and Radiation Protection, Medical Physics for Radiotherapy, MPE1

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, ML0004, CC0015, CSL

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, CC0006

YEAR FOUR

S1: MPE2, PH-Elect 1, PH-Elect 2, BS-Elect 3, BS-Elect 4, BDE2

S2: Professional Internship*

Exchange Immersion

***NOTE:**

PI completed in last semester runs the risk of delayed graduation

Sample Study Plan for PHMP

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, Introduction to DSAI, CC0007

YEAR THREE

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

S2: Physics Lab IIIA, Magnetic Resonance Imaging, Biomechanics and Exercise Physiology, Radiobiology and Radiation Protection, Medical Physics for Radiotherapy, MPE1, MPE2

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, ML0004, CC0015, CSL

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, CC0006

YEAR FOUR

S1: Final Year Project, PH-Elect 1, BS-Elect 2, PH-Elect 3, BS-Elect 4

S2: Professional Internship*

***NOTE:**

PI completed in last semester runs the risk of delayed graduation