

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, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, Digital Electronics, Introduction to DSAI, CC0001, CC0003, CC0005

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, CC0007, BDE1
S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, CC0006, ML0004

SPECIAL TERM

Professional Attachment

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Anatomy & Physiology, Introduction to Advanced Biomedical Imaging, Communication Across the Sciences,
S2: Physics Lab IIIA, Magnetic Resonance Imaging, Biomechanics and Exercise Physiology, Medical Physics for Radiotherapy, MPE1

YEAR FOUR

S1: Final Year Project, PH-Elect 1, BS-Elect 1, BDE2
S2: MPE2, PH-Elect 2, BS-Elect 2

Exchange Immersion

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, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, Digital Electronics, Introduction to DSAI, CC0001, CC0003, CC0005

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, CC0007, BDE1
S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, CC0006, ML0004

03

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Anatomy & Physiology, Introduction to Advanced Biomedical Imaging, Communication Across the Sciences,
S2: Physics Lab IIIA, Magnetic Resonance Imaging, Biomechanics and Exercise Physiology, Medical Physics for Radiotherapy, MPE1

04

YEAR FOUR

S1: MPE2, PH-Elect 1, PH-Elect 2, BS-Elect 1, BS-Elect 2, BDE2
S2: Professional Internship

Exchange Immersion

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, CC0002
S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, Digital Electronics, Introduction to DSAI, CC0001, CC0003, CC0005

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, CC0007, MPE1
S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, CC0006, ML0004

03

YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Anatomy & Physiology, Introduction to Advanced Biomedical Imaging, Communication Across the Sciences,
S2: Physics Lab IIIA, Magnetic Resonance Imaging, Biomechanics and Exercise Physiology, Medical Physics for Radiotherapy, MPE2

04

YEAR FOUR

S1: Final Year Project, PH-Elect 1, PH-Elect 2, BS-Elect 1, BS-Elect 2
S2: Professional Internship