

Sample Study Plan for PHMP

Option with PA & FYP

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, ML0004, CC0006

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, 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, Introduction to DSAI, CC0003

Plan your studies

SPECIAL TERM

Professional Attachment



YEAR FOUR

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

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

Exchange Immersion

YEAR THREE

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

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

Sample Study Plan for PHMP

Option with PI w/o FYP

Plan your studies

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, ML0004, CC0006

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, 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, Introduction to DSAI, CC0003

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03

04

YEAR FOUR

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

S2: Professional Internship
Exchange Immersion

YEAR THREE

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

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

Sample Study Plan for PHMP

Option with PI & FYP

YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introductory Biology, ML0004, CC0006, MPE1

S2: Quantum Mechanics 1, Physics Lab IIB, Complex Methods for the Sciences, Physical Optics, Molecular & Cell Biology 1, 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, Introduction to DSAI, CC0003

Plan your studies

04

YEAR FOUR

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

S2: Professional Internship

03

YEAR THREE

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

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

02

01