

# Sample Study Plan for APHY

## Option with PA & FYP

### YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introduction to Computational Thinking, CC0006, BDE1

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

### YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, CC0001, CC0015

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0003, ML0004

### SPECIAL TERM

*Professional Attachment*

### Plan your studies

### YEAR FOUR

S1: Final Year Project, MPE1, BDE7, BDE8

S2: MPE2, BDE9, BDE10

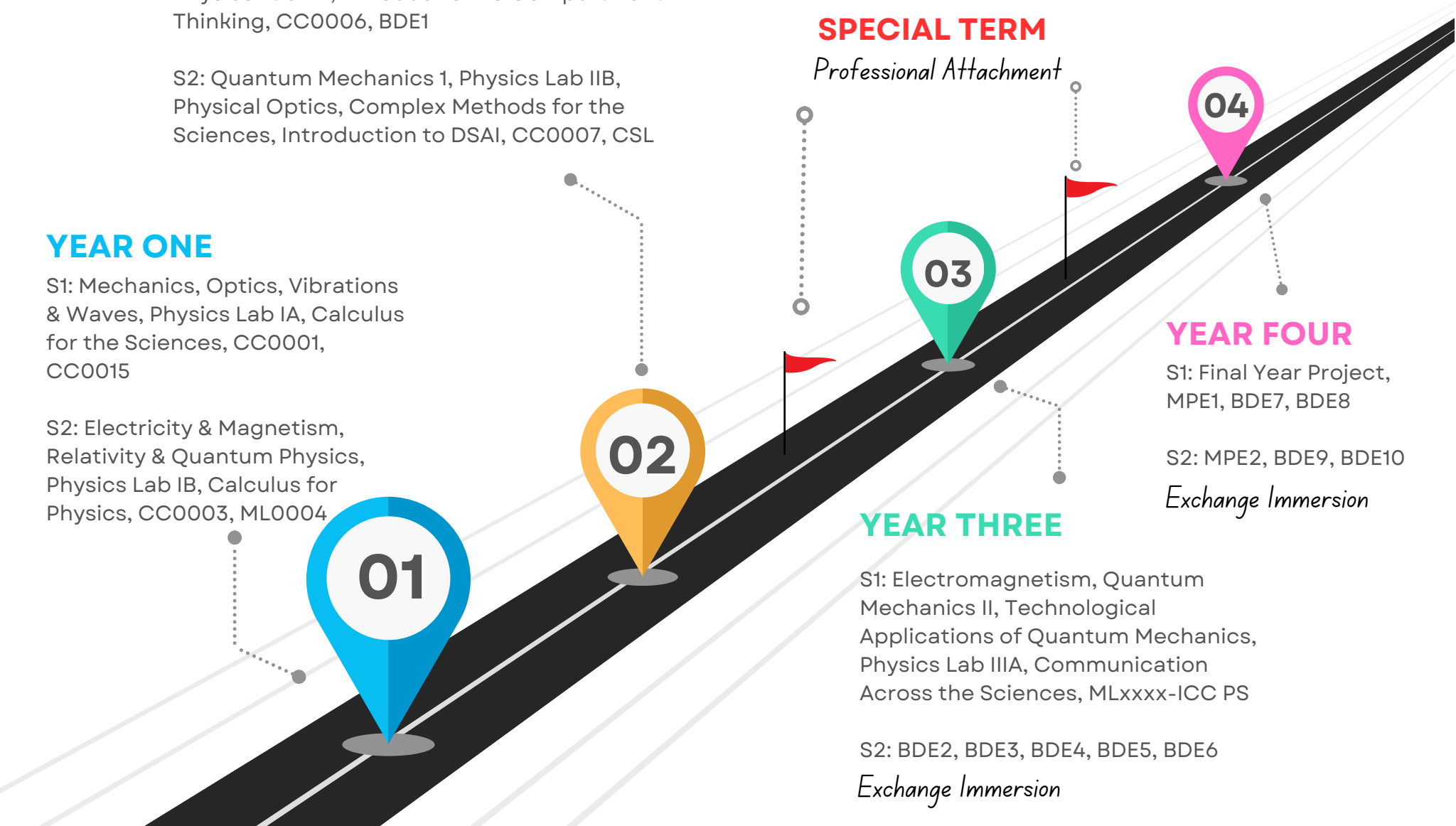
*Exchange Immersion*

### YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Physics Lab IIIA, Communication Across the Sciences, MLxxxx-ICC PS

S2: BDE2, BDE3, BDE4, BDE5, BDE6

*Exchange Immersion*



# Sample Study Plan for APHY

## Option with PI w/o FYP

### Plan your studies

#### YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introduction to Computational Thinking, CC0006, BDE1

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

#### YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, CC0001, CC0015

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0003, ML0004

#### YEAR FOUR

S1: Professional Internship

S2: MPE1, MPE2, BDE8, BDE9, BDE10

*Exchange Immersion*

#### YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Physics Lab IIIA, Communication Across the Sciences, MLxxx-ICC PS, BDE2

S2: , BDE3, BDE4, BDE5, BDE6, BDE7

*Exchange Immersion*

# Sample Study Plan for APHY

## Option with PI & FYP

Plan your studies

### YEAR TWO

S1: Linear Algebra for Scientists, Thermal Physics, Physics Lab IIA, Introduction to Computational Thinking, CC0006, BDE1

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

### YEAR ONE

S1: Mechanics, Optics, Vibrations & Waves, Physics Lab IA, Calculus for the Sciences, CC0001, CC0015

S2: Electricity & Magnetism, Relativity & Quantum Physics, Physics Lab IB, Calculus for Physics, CC0003, ML0004

### YEAR FOUR

S1: Final Year Project, MPE2, BDE7, BDE8

S2: Professional Internship

### YEAR THREE

S1: Electromagnetism, Quantum Mechanics II, Technological Applications of Quantum Mechanics, Physics Lab IIIA, Communication Across the Sciences, MLxxxx-ICC PS, BDE2

S2: MPE1, BDE3, BDE4, BDE5, BDE6

*Exchange Immersion*