Biophysics Physics Minor Study Plan for CHS Students undertaking a primary major in Physics

Year 1		Year 2		Year 3		Year 4	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
Pair 1: Integrated Course in Social Sciences Pair 2: Integrated Course in Humanities	Pair 1: Integrated Course in Humanities Pair 2: Integrated Course in Social Sciences	Scientific Inquiry II	Artificial Intelligence	Communities and Engagement	Interdisciplinary II	Major 12	Major 14
Pair 1: Scientific Inquiry I Pair 2: Integrated Course in Asian Studies	Pair 1: Integrated Course in Asian Studies Pair 2: Scientific Inquiry I	Writing	PC2031 Electricity & Magnetism I	Interdisciplinary I	PC2135 Thermodynamics and Statistical Mechanics	Major 13	Major 15
Pair A: Data Literacy Pair B: Design Thinking	Pair A: Design Thinking Pair B: Data Literacy	Digital Literacy	PC2193 Experimental Physics and Data Analysis	PC2130 Quantum Mechanics I	Major 10	PC4288 Honours Projects in Physics (8 units)*	
PC1101 Frontiers of Physics	PC2174A Mathematical Methods in Physics I	PC2032 Classical Mechanics I	Major 6	Major 8	Major 11	UE 2	UE 4
UE 1	LSM1111 Biological Challenges and Opportunities for Humankind OR LSM1301 General Biology	PC2267 Biophysics I	PC3267 Biophysics II	Elective 1	Elective 2	UE 3	UE 5

Note: Students are strongly encouraged to complete all CHS Common Curriculum courses in their first two years except for the following 3 courses:
- *Communities and Engagement course – can be taken from Years 2 to 4*
- *Two Interdisciplinary courses – can be taken in Years 3 and 4*

*Graduation Requirements

Students must take at least one of the following courses in the UE space to fulfil the graduation requirements. It is recommended to take UPIP during a special term.

- PC4288 Honours Projects in Physics (8 units, count as two courses)
- PC coded Undergraduate Professional Internship Programme (UPIP, minimum 4 units, advised to be taken during a special term)

List of Elective Courses for all students:

Choose the courses Elective 1 and Elective 2 from the following list, where at least one has to be an LSM-coded course:
- PC2031 Electricity and Magnetism I
- PC2135 Thermodynamics & Statistical Mechanics
- LSM3220 Genes, Genomes and Biomedical Implications
- LSM2106 Fundamental Biochemistry (Formerly LSM1106)
- LSM2234 Introduction to Quantitative Biology
- LSM2241 Introductory Bioinformatics
- LSM3243 Molecular Biophysics (Prerequisite: LSM2106)
- PC4267 Biophysics III
- LSM4231 Structural Biology