

Medical Physics Minor Study Plan for CHS Students with NEITHER H2 Physics NOR H2 Biology (Require 2 bridging courses)							
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	Primary Major 11	Primary 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	Primary Major 4	Interdisciplinary I	Primary Major 9	Primary Major 12	Primary Major 15
Pair A: Data Literacy Pair B: Design Thinking	Pair A: Design Thinking Pair B: Data Literacy	Digital Literacy	Primary Major 5	Primary Major 7	Primary Major 10	Primary Major 13	UE 3
Primary Major 1	Primary Major 2	Primary Major 3	Primary Major 6	Primary Major 8	Elective 2	UE 1	UE 4
GEH1032 Modern Technology in Medicine & Health	Bridging Course	Bridging Course	Elective 1	PC3295 Radiation for imaging and therapy in medicine	PC3294 Radiation Lab	UE 2	UE 5

Note: Students have 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

List of Elective Courses for all students

Choose the courses Elective 1 and Elective 2 from the following list:

- LSM2106 Fundamental Biochemistry
- LSM2212 Human Anatomy
- LSM2231 General Physiology
- LSM2233 Cell Biology
- LSM3243 Molecular Biophysics

Recommended Additional Elective and UE Courses (Optional) for **Physics Majors**:

- PC3232 Nuclear and Particle Physics
- PC3233 Atomic and Molecular Physics
- PC3235 Solid State Physics
- PC3241 Solid State Devices
- PC3193 Experimental Physics II
- LSM3223 Immunology (prerequisite: LSM2233)
- LSM4243 Tumour Biology (prerequisite: LSM2233)

Recommended Additional Elective and UE Courses (Optional) for **Life Science Majors**

- LSM3223 Immunology
- LSM3214 Human Physiology – Hormones and Health
- LSM3215 Human Physiology – Cardiopulmonary System
- LSM3224 Molecular Basis of Human Diseases
- LSM4243 Tumour Biology
- PC2032: Classical Mechanics I
- PC2031: Electricity and Magnetism 1