

City University of Hong Kong
Department of Physics

Course List for Inbound Exchange and Visiting Students (2024/25)

Course Code	Course Title	Credit Units	Prerequisite(s)	Precursor(s)	Offer in Semester
PHY1101	Introductory Classical Mechanics	3	Please refer to the course syllabus for details http://www.cityu.edu.hk/ug/current/catalogue/catalogue_UC.htm?page=B/B_course_PHY.htm		A and B
PHY1201	General Physics I	3		A and B	
PHY1202	General Physics II	3		A and B	
PHY1203	General Physics III	3		B	
PHY1400	Introductory Physics for Biologists	3		B	
PHY2100	Mathematical Methods in Physics	3		B	
PHY2191	Electricity and Magnetism	3		B	
PHY2212	Measurement and Instrumentation	3		A	
PHY2213	Advanced Measurement and Instrumentation	3		B	
PHY2400	Advanced Physics for Biologists	3		A	
PHY3115	Introduction to Computational Physics	3		B	
PHY3116	Introduction to Soft Matter Physics	3		A	
PHY3202	Modern Physics	3		A	
PHY3204	Waves and Optics	3		B	
PHY3205	Electrodynamics	3		A	
PHY3210	Modern Physics for Nuclear Technology	3		B	
PHY3220	Financial Engineering from a Scientist's Perspective	3		B	
PHY3231	Advanced Instrumentation Lab	3		A	
PHY3251	Quantum Physics	3		A	
PHY3272	Introduction to Solid State Physics	3		B	
PHY3290	Thermodynamics	3		B	
PHY4172	Computational Physics	3		B	
PHY4232	Radiotherapy Physics	3		A	
PHY4233	Imaging Physics	3		B	
PHY4254	Fundamentals of Laser Optics	3		A	
PHY4274	Radiation Biophysics	3		B	
PHY4283	Physics in Medicine	3		A	
PHY4285	Introduction to scattering sciences	3		B	
GE1305	Foundation Physics	3		A and B	
GE1360	Introductory Physics	3		B	
GE2305	Astronomy – The Universe and Us	3	B		