

Course List for Cross-Institutional Course Enrolment Scheme (1st Semester, 2026-2027)

Institution: City University of Hong Kong

<i>Subject Code</i>	<i>Subject Title</i>	<i>Units</i>	[Note 1] <i>Level</i>	[Note 2] <i>Keyword Syllabus or Brief Subject Description</i>	<i>Prerequisites / Pre-cursors</i>	[Note 3] <i>Result Grade</i>	[Note 4] <i>Medium of Instruction</i>	<i>Application Deadline (yyyy/mm/dd)</i>	<i>Remarks, if any</i>
Department of Physics									
PHY8001	Survival Skills for Research Scientists	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8001.htm	Nil	A+ - F	E	2026/08/10	Equivalent course AP8001
PHY8251	Advanced Quantum Mechanics	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8251.htm	Precursors: AP1203/PHY1203 Prerequisites: AP3251/PHY3251	A+ - F	E	2026/08/10	Exclusive course PHY6251
PHY8252	Statistical Mechanics	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8252.htm	Nil	A+ - F	E	2026/08/10	Exclusive course PHY6252
PHY8253	Introduction to Biophysics	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8253.htm	Nil	A+ - F	E	2026/08/10	Exclusive course PHY6253
PHY8501	Modern Characterization Techniques for Experimental Physics	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8501.htm	Nil	A+ - F	E	2026/08/10	Exclusive course PHY5501 Equivalent course AP8301
PHY8503	Mathematical Methods for Scientists and Engineers	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8503.htm	Precursor: MA2158	A+ - F	E	2026/08/10	Exclusive course PHY6503
PHY8513	Introduction to Quantum Technology	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8513.htm	Nil	A+ - F	E	2026/08/10	Exclusive course PHY5503
PHY8514	Data Acquisition and Processing Skills for Physicists I	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8514.htm	Nil	A+ - F	E	2026/08/10	Exclusive course PHY5504
PHY8526	Energy Materials: Physics and Applications	3	R	http://www.cityu.edu.hk/pg/current/course/PHY8526.htm	Nil	A+ - F	E	2026/08/10	Exclusive course PHY6526

[Note 1] Please indicate subject level by PG or R (PG = postgraduate level and R=Research level).

[Note 2] Please provide information either in text or in hyperlink.

[Note 3] Please indicate result grade by P/F, A+-F, etc. (P/F = pass or fail; A+-F = fine grades from A+ to F, etc.).

[Note 4] Please indicate medium of instruction by E, C or P (E = English; C = Cantonese and P = Putonghua).