City University of Hong Kong

List of Courses Offered for Visiting Study in Semester B 2025/26

- Individual course information for the 2025/26 academic year is normally available from late July 2025 at https://www.cityu.edu.hk/academic/catalogue. Prior to that period, applicants may refer to the course information of the preceding academic year for reference only.
- The priority of course registration is given to regular students. There is no guarantee that the applications from visiting students can be considered for the courses listed.
- All courses are subject to approval by the academic units concerned and availability of places. The application fee paid will not be refunded or transferred.
- Visiting students will only be admitted if the relevant School/Department is satisfied with their academic suitability for the course(s) applied for, and if there are places available on the course(s).
- The course list is subject to change without prior notice.

Semester B 2025/26

Course Offered by (College/School/Department)	*Course Code*	*Course Title*	*Credit Units*
College of Biomedicine			
Department of Biomedical Sciences	BMS5001	Common Diseases and Research	3
	BMS5008	Fundamental and Advanced Multi-omics Research	3
	BMS5009	Ageing and the Science of Human Longevity	3
	BMS5010	Artificial Intelligence in Health Science Research and Management	3
	BMS5012	Nutrition Science and Stress Management	3
College of Business			
Department of Economics and Finance	EF5042	Corporate Finance	3
	EF5052	Investments	3
	EF5342	Financial Systems, Markets and Instruments	3
College of Computing			
Department of Biostatistics	BIOS8003	Asymptotic Statistics	3
College of Engineering			

Course Offered by (College/School/Department)	Course Code	Course Title	Credit Units
Department of Architecture and Civil Engineering	CA5018	Modelling and Computational Techniques for Built Environment	3
	CA5106	Project Management	3
	CA5108	Virtual Design and Construction	3
	CA5203	Research Methods and Thesis Development Seminar in Architecture	3
	CA5240	Urban Design and Regional Planning History, Theory and Practice	3
	CA5249	Energy Management for Building Sustainability	3
	CA5301	Professional Practice - Building Controls, Contract Administration and Ethics	3
	CA5325	Next-generation Smart Cities	3
	CA5693	Geotechnical and Foundation Engineering	3
	CA6110	Statistical Methods and Data Analytics	3
	CA6233	Contract and Dispute Management	3
	CA6241	Geographic Data Management and Planning Analysis	3
	CA6318	Planning Practice, Law, and Ethics in Hong Kong	3
	CA6319	Advanced Topics in Architectural Practice and Law	3
	CA6608	Modern Structural Engineering	3
Department of Electrical Engineering	EE5410	Signal Processing	3
	EE5412	Telecommunication Networks	3
	EE5425	Fundamentals of Radio Frequency (RF) Circuit Engineering	3

Course Offered by (College/School/Department)	Course Code	Course Title	Credit Units
	EE5430	Advanced CMOS Technology	3
	EE5437	Internet of Things Technologies for Future City Applications	3
	EE5811	Topics in Computer Vision	3
	EE6427	Modern Power Electronics	3
	EE6428	Optical Communications	3
	EE6435	Multi-Dimensional Data Modeling and its Applications	3
	EE6619	Antenna Design for Wireless Communications	3
	EE6620	Linear Systems Theory & Design	3
	EE6621	Computational Physiology and Neural Systems	3
	EE6622	Topics in Smart Grids	3
	EE6624	Advanced Topics in Power and Energy Systems	3
Department of Mechanical Engineering	MNE5103	Risk and Reliability Engineering	3
	MNE5112	Mechanical Design with Advanced Material & Additive Manufacturing	3
	MNE6001	CAD/ CAM Integration	3
	MNE6046	Nano-manufacturing	3
	MNE6110	Mechanical Behaviour of Materials: From Metallic to Biomedical/ Biological Materials	3
	MNE6116	Applied Engineering Mechanics	3
	MNE6126	Sensors for Robotics, AI, and Control Systems	3
	MNE6130	Modern Robotics	3

Course Offered by (College/School/Department)	Course Code	Course Title	Credit Units
Department of Materials Science and Engineering	MSE5304	Thermodynamics of Materials	3
	MSE6183	Computational Methods for Materials Science	3
	MSE6184	Biomedical Materials and Devices with Nano-applications	3
	MSE6185	Advanced Structural Materials	3
	MSE6266	Semiconductor Materials and Devices	3
	MSE6303	Corrosion and Surface Engineering	3
	MSE8015	Theory and Practice of Transmission Electron Microscopy and Related Spectroscopy	3
	MSE8017	Materials Chemistry	3
	MSE8021	Kinetic and Thermodynamic Properties of Materials	3
Department of Systems Engineering	SYE5010	Engineering Management Principles and Concepts	3
College of Liberal Arts and Social Sciences			
Department of Public and International Affairs	PIA5500	Understanding the Modern Metropolis	3
	PIA5510	Understanding and Managing Smart Cities	3
	PIA5703	Contemporary Issues in Housing and Urban Management	3
Department of Linguistics and Translation	LT5403	Semantics and Discourse	3
	LT5406	Psycholinguistics	3
	LT5417	Language Universals and Linguistic Typology	3
	LT5418	Second Lang Pronunciation Acquisition: from Theory to Practice	3

Course Offered by (College/School/Department)	Course Code	Course Title	Credit Units
	LT5422	Neurocognition of Language	3
	LT5432	Lexical Semantics	3
	LT5452	Learn'g & Teach'g Chi For'gn Lang	3
	LT5454	Grammar of Chinese	3
	LT5457	Computational Lexicography	3
	LT5458	Computer-Assisted Lang Learn'g	3
	LT5459	Terminology and Translation	3
	LT5460	Studies of Second Language Acquisition	3
	LT5601	Stylistics and Translation	3
	LT5606	Translating Cultures	3
	LT5617	Biling. Reading & Writing for Trans.	3
	LT6505	Legal Translation	3
Department of Social and Behavioural Sciences	SS5204	Penology & Rehabilitation of Offenders	3
	SS5423	Programme Design & Evaluation	3
	SS5428	Applied Social Statistical Analysis	3
	SS5750	Perception and Cognition note 1	3
	SS5756	Biological Basis of Behavior note 1	3
	SS5794	Psychological Testing note 1	3
College of Science			
Department of Chemistry	CHEM6114	Food Processing and Food Chemistry	3
	CHEM6125	Selected Topics in Chemistry & Molecular Sciences	3
	CHEM6131	Frontiers in Modern Synthetic Chemistry	3

Course Offered by (College/School/Department)	Course Code	Course Title	Credit Units
	CHEM6133	Advanced Entrepreneurship Programme in Chemistry	3
Department of Mathematics	MA6629	Advanced Stochastic Analysis in Finance	3
Department of Physics	PHY8255	Quantum Optics [note1]	3
	PHY8401	Advanced Instrumentation and Measurement Methods for Experimental Physics	3
	PHY8502	Advanced Computational Methods	3
	PHY8504	Physics at Nanoscale	3
	PHY8505	Modern Topics in Engineering and Applied Physics	3
	PHY8521	Advanced Solid State Physics [note1]	3
	PHY8603	Introduction to Quantum Information [note1]	3
Jockey Club College of Veterinary Medicine and Life Sciences			
Department of Infectious Diseases and Public Health	PH8003	Communication Skills-Conference Organisation	3
School of Creative Media			
	SM5308	Art and Technology	3
	SM5312	Interactive Media I	3
	SM5317	Digital Sound & Computer Music	3
	SM5323	Topics in Media History and Theory II	3
	SM5339	Art and Activist Games Workshop	3
	SM5344	Abstract and Experimental Animation	3
	SM5347	Topics in Media Worlding	3
	SM5356	Art, Technology, and Queering	3
	SM5357	Media and Human Experiences: Anxiety, Nostalgia, and Transcendence	3

Course Offered by (College/School/Department)	Course Code	Course Title	Credit Units
	SM6316	Media Art: Theory and Practice II	3
	SM6325	Philosophy of Technology and New Media	3
	SM6328	Analysis and Criticism of Computer Games	3
	SM6332	Computer Games and Society	3
	SM6348	Under the Skin of Fashion	3
School of Energy and Environment			
	SEE5211/SEE8212	Data Analysis in Environmental Applications	3
	SEE5212/SEE8220	Environmental Pollution: Theories, Measurement and Mitigation	3
	SEE6103	Energy Conversion: Theory and Methodology	3
	SEE6104	Energy Conservation and Audit	3
	SEE6122/SEE8130	Advanced Thermosciences for Energy Engineering	3
	SEE6124	Fuel Processing	3
	SEE6125	Carbon Capture Use and Storage	3
	SEE6212/SEE8213	Environmental Modelling	3
	SEE6213/SEE8221	Wastewater Engineering and Water Quality Assessment	3
	SEE6225/SEE8225	Environmental Assessment	3

note 1:   Subject to pre-requisite requirements