

City University of Hong Kong
List of Courses Offered for Visiting Study in Semester B 2023/24

- Individual course information for the 2023/24 academic year is normally available from late July 2023 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.
- The course list is subject to change without prior notice.

Semester B 2023/24

<i>Course Offered by (College/School/Department)</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Credit Units</i>
<u>College of Business</u>			
Department of Economics and Finance	EF5042	Corporate Finance	3
	EF5052	Investments	3
	EF5342	Financial Systems, Markets and Instruments	3
<u>College of Engineering</u>			
College of Engineering	EG5103	Imaging Physics ^{note 1}	3
	EG5104	Radiation Therapy Physics ^{note 1}	3
	EG5000	Ethics in Medicine and Research	1
	EG6000	Seminars	2
	EG6101	Fundamental Research Studies	3
	EG6102	Special Topics in Medical Physics	3
Department of Biomedical Engineering	BME6114/ BME8128	Advanced Control Systems	3
	BME6115/ BME8129	Biorobotics	3
	BME6118/ BME8131	Biomedical Imaging and Biophotonics	3

<i>Course Offered by (College/School/Department)</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Credit Units</i>
	BME6121/ BME8132	Biomechanics	3
	BME6135/ BME8135	Engineering Principles for Drug Delivery	3
	BME6005/ BME8125	Micro Systems Technology	3
Department of Computer Science	CS5182	Computer Graphics ^{note 1}	3
	CS5187	Vision and Image ^{note 1}	3
	CS5281	Internet Application Development	3
	CS5293	Topics on Information Security ^{note 1}	3
	CS5296	Cloud Computing: Theory and Practice ^{note 1}	3
	CS5483	Data Warehousing and Data Mining ^{note 1}	3
	CS5487	Machine Learning: Principles & Practice ^{note 1}	3
	CS6290	Privacy-enhancing Technologies ^{note 1}	3
	CS6382	Algorithm Analysis and Game Theory ^{note 1}	3
	CS6491	Topics in Optimization and its Applications in Computer Science ^{note 1}	3
	CS6493	Natural Language Processing ^{note 1}	3
Department of Electrical Engineering	EE5410	Signal Processing	3
	EE5412	Telecommunication Networks	3
	EE5425	Fundamentals of Radio Frequency (RF) Circuit Engineering	3
	EE5437	Internet of Things Technologies for Future City Applications	3

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	EE5808	Topics in Computer Graphics	3
	EE5811	Topics in Computer Vision	3
	EE6428	Optical Communications	3
	EE6435	Multi-Dimensional Data Modeling and its Applications	3
	EE6610	Queueing Theory with Telecommunications Applications	3
	EE6614	Reliability Engineering in Electronics Industry	3
	EE6620	Linear Systems Theory & Design	3
Department of Mechanical Engineering	MNE5112	Mechanical Design with Advanced Material & Additive Manufacturing	3
	MNE6126	Sensors for Robotics, AI, and Control Systems	3
	MNE6125	Engineering Methods	3
	MNE6116	Applied Engineering Mechanics	3
	MNE6046	Nano-manufacturing	3
	MNE6128	Advanced Machine Learning and Quantum Computation	3
	MNE6127	Microfluidics: From Fundamentals to Applications	3
	MNE6130	Modern Robotics ^{note 2}	3
Department of Materials Science and Engineering	MSE5304	Thermodynamics of Materials	3
	MSE6185	Advanced Structural Materials	3
	MSE6265	Quantum Theory of Semiconductors	3
	MSE6303	Corrosion and Surface Engineering	3
	MSE6305	Forensic Engineering and Case Studies	3

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	MSE8015	Theory and Practice of Transmission Electron Microscopy and Related Spectroscopy	3
	MSE8019	Functional Properties of Materials	3
	MSE8021	Kinetic and Thermodynamic Properties of Materials	3
<u>College of Liberal Arts and Social Sciences</u>			
Department of Chinese and History	CAH5622	Selected Readings in Chinese Language and Literature	3
	CAH5704	Chinese Literary Criticism	3
	CAH6714	Seminar on Chinese for Professional Purposes	3
	CAH5705	Selected Readings in Sinology	3
	CAH5743	Cantonese Opera: Texts and Performance	3
	CAH5746	Chinese Architecture, Gardens and World Heritage	3
	CAH5748	Modern China and Hong Kong	3
Department of Public and International Affairs	PIA5338	Indonesia: Politics and Society	3
	PIA5703	Contemporary Issues in Housing and Urban Management	3
	PIA5500	Understanding the Modern Metropolis	3
	PIA5510	Understanding and Managing Smart Cities	3
	PIA5301	Managing Public Institutions and Organizations	3
	PIA6201	Comparative Public Policy	3
	PIA6304	Public Human Resource Management	3

<i>Course Offered by (College/School/Department)</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Credit Units</i>
Department of Linguistics and Translation	LT5403	Semantics and Discourse	3
	LT5406	Psycholinguistics	3
	LT5408	Sociolinguistics	3
	LT5432	Lexical Semantics	3
	LT5451	Pedagogical Grammar: Chinese and English	3
	LT5460	Studies of Second Language Acquisition	3
	LT5462	Social Approaches to Language in Education	3
	LT5601	Stylistics and Translation	3
	LT5606	Translating Cultures	3
	LT5621	Language and Literature in Translation	3
	LT5626	Translation and Comparative Literature	3
	LT5630	Special Topics in Translation and Interpretation	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
	SS5755	Applying Psychology to Contemporary Issues ^{note 1}	3
	SS5756	Biological Basis of Behavior ^{note 1}	3
<u>College of Science</u>			
Department of Chemistry	CHEM6125	Selected Topics in Chemistry & Molecular Sciences	3

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Department of Mathematics	MA6629	Advanced Stochastic Analysis in Finance	3
Department of Physics	PHY8252	Statistical Mechanics	3
	PHY8401	Advanced Instrumentation and Measurement Methods for Experimental Physics	3
	PHY8504	Physics at Nanoscale	3
	PHY8505	Modern Topics in Engineering and Applied Physics	3
	PHY8521	Advanced Solid State Physics	3
	PHY8522	Advanced Imaging Physics	3
<u>Jockey Club College of Veterinary Medicine and Life Sciences</u>			
Department of Biomedical Sciences	BMS5001A	Common Diseases and Management	2
	BMS5007	Pharmacology Principles in Drug Discovery and Development	3
	BMS5008	Fundamental and Advanced Multi-omics Research	3
<u>School of Creative Media</u>			
	SM5307	Digital Media & Moving Images	3
	SM5312	Interactive Media I	3
	SM5323	Topics in Media History and Theory II	3
	SM5344	Abstract and Experimental Animation	3
	SM6325	Philosophy of Technology and New Media	3
	SM6328	Analysis and Criticism of Computer Games	3
	SM6331	Digital Media for Curating	3
	SM6344	Technology and Aesthetics	3

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<u>School of Data Science</u>			
	SDSC8006	Reinforcement Learning ^{note 3}	3
	SDSC8009	Data Mining and Knowledge Discovery ^{note 3}	3
	SDSC8013	Statistical Methods for Categorical Data Analysis ^{note 3}	3
	SDSC8015	Machine Learning and Control Theory ^{note 3}	3
<u>School of Energy and Environment</u>			
	SEE5211/ SEE8212	Data Analysis in Environmental Applications	3
	SEE6102/ SEE8112	Energy Efficiency and Conservation Technologies	3
	SEE6212/ SEE8213	Environmental Modelling	3
	SEE6214	Solid Waste Treatment and Management	3
	SEE6226/ SEE8226	Ecosystem and Environmental Toxicology	3
	SEE6116	Building Performance Assessment	3

note 1: Subject to pre-requisite requirements

note 2: The course addition is now under the approval process

note 3: Registration requires endorsement from the course leaders