香港中文大學 公開講座系列 2022

日期：2022 年 1 月 28 日 - 2022 年 3 月 11 日

時間：下午五時至下午六時三十分

地點：第一場: 網上 (Zoom)

第二至五場: 香港中文大學利黃瑤璧樓地下 LT1 演講廳

報名：請登入 https://www.cuhk.edu.hk/adm/public_lecture/ 參閱有關詳情及登記。

查詢：香港中文大學 入學及學生資助處

電話: 3943 8947 / 3943 8951

傳真: 2603 5184

電郵: jupasadm@cuhk.edu.hk

活動概覽：

香港中文大學（中大）將舉行一系列的公開講座。活動特別為中三至中六學生而設，旨在協助同學認識中大的課程。

本系列共有 5 場講座。當中 4 場講座會分享與中大於 2022 年推出的新課程相關的議題〔包括地球與環境科學 (JS4648)、 理學士（學習設計與科技）(JS4386)、 計算數據科學 (JS4416) 和生物科技、創業與醫療管理 (JS4725)〕。而另一場講座則會介紹 5 個於 2022 年起獨立收生的工程學院課程〔包括機械與自動化工程學 (JS4408)、 計算機科學與工程 (JS4412)、 信息工程學 (JS4446)、系統工程與工程管理學 (JS4458)和數學與信息工程學(JS4733)〕。

有關活動詳情及報名，請瀏覽網頁：https://www.cuhk.edu.hk/adm/public_lecture/

備註：大學會密切留意最新的防疫措施，講座可能會因應疫情發展改為網上舉行。

香港中文大學
The Chinese University of Hong Kong

PUBLIC LECTURE SERIES

Explore New Opportunities in 2022 and Launch your Interdisciplinary Journey
探索中大課程新選擇 踏出多元發展第一步

Secondary 3 to 6 students,teachers and parents are welcome!
歡迎中三至中六學生、老師及家長參加！
Time 時間：5:00pm – 6:30pm
Venue 地點：CUHK Campus 香港中文大學

Earth and Environmental Sciences 地球與環境科學
Date 日期：28-1-2022
A Virtual Reality (VR) Geo-tour
坐定定地質遊 (VR)
In Cantonese / English 廣東話 / 英語主講

Learning Design and Technology 學習設計與科技
Date 日期：18-2-2022
Educational Technology and Contemporary Learning
教學科技與當代學習
In Cantonese 廣東話主講

Computational Data Science 計算數據科學
Date 日期：25-2-2022
From Big Data to Smart Data
大數據的智能演繹
In Cantonese 廣東話主講

Engineering Undergraduate Programmes 工程學院本科課程
（機械與自動化工程學、計算機科學與工程、信息工程學、系統工程與工程管理學、數學與信息工程學）
Date 日期：4-3-2022
Innovating the Future: Introducing CUHK Engineering Programmes
創新科技 @ 中大：工程學院課程介紹
In Cantonese 廣東話主講

Biotechnology, Entrepreneurship and Healthcare Management 生物科技、創業與醫療管理
Date日期：11-3-2022
How Entrepreneurs See Biotechnology and the Healthcare Industry
從企業家角度看生物技術和醫療保健
In Cantonese 廣東話主講

Please visit https://www.cuhk.edu.hk/adm/public_lecture/ for details and registration.

Office of Admissions and Financial Aid
admission.cuhk.edu.hk
(852) 3943 8947 / 3943 8951
(852) 2603 5184
jupasadm@cuhk.edu.hk

A VIRTUAL REALITY (VR) GEO-TOUR
坐定定地質遊 (VR)

THIS LECTURE IS PRESENTED BY A NEW PROGRAMME: **EARTH AND ENVIRONMENTAL SCIENCES**

講座由**地球與環境科學**課程提供

Language 語言： In Cantonese / English 廣東話或英語主講

Speaker 講者： Dr. TAM, Pui Yuk Tammy 譚佩玉博士
(Lecturer, Earth System Science Programme 地球系統科學課程講師)

Date 日期： 28 January 2022 (Friday)

Time 時間： 17:00 - 18:30

Venue 地點： Esther Lee Building, CUHK 香港中文大學利黃瑤璧樓
(Exit A, MTR University Station 港鐵大學站 A 出口)

QUICK OVERVIEW

Global climate change, environmental pollution, natural hazards, biodiversity loss and the current energy and food crisis are all critical issues of public concern. Earth and Environmental Sciences Programme (EESC), integrating Earth System Science and Environmental Science, will equip students with the latest knowledge and technical skills to observe, understand, analyse and model the systems and processes that drive natural and anthropogenic global environmental changes.

課程簡介

全球氣候變化、環境污染、自然災害、生物多樣性減少以及當前的能源和糧食危機都是公眾關注的重大議題。地球與環境科學 (EESC) 是一個結合地球系統科學和環境科學的新綜合課程。學生可透過課程掌握最新的知識和專門技術以觀測、理解、分析和模擬推動自然及人為的全球環境變化的系統和過程。

Earth and Environmental Sciences 地球與環境科學

NEW PROGRAMME IN 2022

PROGRAMME WEBSITE

Please visit the following website for REGISTRATION

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為保障校園和社區的健康與安全，所有參加者必須接種 2019 冠狀病毒病疫苗，或持有七天內進行的測試的陰性結果證明。由於參加者須提供個人資料作接觸者追蹤，有興趣人士須個別網上報名。大學會密切留意最新的防疫措施，講座可能會因應疫情發展改為網上舉行。

EDUCATIONAL TECHNOLOGY AND CONTEMPORARY LEARNING 教學科技與當代學習

THIS LECTURE IS PRESENTED BY A NEW PROGRAMME:

BSC IN LEARNING DESIGN AND TECHNOLOGY

講座由**理學士（學習設計與科技）**課程提供

Language 語言： In Cantonese 廣東話主講

Speaker 講者： Prof. CHIU, Kin Fung Thomas 趙建豐教授
(Assistant Professor, Department of Curriculum and Instruction 教育學院課程與教學學系助理教授)

Date 日期： 18 February 2022 (Friday)

Time 時間： 17:00 - 18:30

Venue 地點： Esther Lee Building, CUHK 香港中文大學利黃瑤璧樓 (Exit A, MTR University Station 港鐵大學站 A 出口)

QUICK OVERVIEW

BSc in LDTE is a 4-year integrative programme. Its design is based on the latest re-formulation of the science of education, which casts education as "a metadiscipline or discipline of disciplines" to equip learners with knowledge, competencies and leadership to facilitate learning and development in and beyond the formal education settings. Graduates of the programme will be equipped with multidisciplinary knowledge in education, technology and science with education and learning sciences serving as the unifying threads. Not only will students be provided with internship opportunities to consolidate theory-practice integration, but they will also carry out research projects to synthesize multidisciplinary knowledge and action-science competencies.

課程簡介

教育、工程和理學院共同開辦的學習設計與科技理學士學位課程為期四年。建基於教育作為「元學科或學科中的學科」這個嶄新的教育科學觀點，課程為學生提供知識、技能和領袖能力的培訓，從而推動他們在常規教育環境內外的學習和發展。課程的畢業生將具備教育、科技和科學的跨學科知識，並以教育和學習科學為核心。課程不僅為學生提供理論與實踐並重的實習機會，並將開設專題研究項目讓學生應用跨學科知識和行動科學技能。

BSc in Learning Design and Technology
理學士
（學習設計與科技）

NEW PROGRAMME IN 2022

PROGRAMME WEBSITE

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FROM BIG DATA TO SMART DATA
大數據的智能演繹

THIS LECTURE IS PRESENTED BY A NEW PROGRAMME: **COMPUTATIONAL DATA SCIENCE**

講座由**計算數據科學**課程提供

Language 語言：	In Cantonese 廣東話主講
Speaker 講者 ：	Prof. CHAN, Kin Wai 陳健威教授
	(Assistant Professor, Department of Statistics 統計學系助理教授)
Date 日期：	25 February 2022 (Friday)
Time 時間：	17:00 - 18:30
Venue 地點：	Esther Lee Building, CUHK 香港中文大學利黃瑤璧樓
	(Exit A, MTR University Station 港鐵大學站 A 出口)

QUICK OVERVIEW

Nowadays, people live in a digitally inclusive society. Human and automated activities continuously generate data that is stored in digital format. These data come from everywhere, including social media, corporate information systems, wearable equipment, etc. The Computational Data Science (CDAS) programme (co-organized by the Department of Computer Science and Engineering and the Department of Statistics) aims to equip students with the latest in large-scale data processing, computational statistics, computer-intensive statistical inference, machine learning, data mining and data visualization, while also developing the skills to effectively communicate data insights and neatly interpret complex data structures, etc. Such capabilities enable students to develop cutting-edge massive data analytics and management solutions that are of practical interest to academics, industry and society.

課程簡介

現今，人們生活在數碼共融資訊的社會，人類和自動化活動不斷產生數據，並以數碼方式存儲。這些數據來自不同地方，包括社交媒體、企業信息系統、可穿戴設備等。計算數據科學課程(計算機科學與工程學系和統計學系合辦)旨在讓學生掌握最新的大規模數據處理、計算統計、電腦密集推論統計學、機器學習、數據挖掘和數據視覺化，同時培養他們能有效地傳達數據見解和巧妙地解釋複雜的數據結構予主要持份者等的技能。學生畢業後，能夠在學術、工業和社會領域上建立最領先的海量數據分析和管理解決方案。

Computational Data Science
計算數據科學

NEW PROGRAMME IN 2022

PROGRAMME WEBSITE

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INNOVATING THE FUTURE: INTRODUCING CUHK ENGINEERING PROGRAMMES

創新科技@中大：工程學院課程介紹

THIS LECTURE IS PRESENTED BY **FACULTY OF ENGINEERING**

講座由**工程學院**提供

Language 語言：	In Cantonese 廣東話主講
Speaker 講者 ：	Prof. SO, Man Cho Anthony 蘇文藻教授
	(Associate Dean (Student Affairs) of Faculty of Engineering 工程學院副院長(學生事務))
Date 日期：	4 March 2022 (Friday)
Time 時間：	17:00 - 18:30
Venue 地點：	Esther Lee Building, CUHK 香港中文大學利黃瑤璧樓
	(Exit A, MTR University Station 港鐵大學站 A 出口)

QUICK OVERVIEW

The world is now in the midst of the "Fourth Industrial Revolution". The convergence of the Internet of Things, artificial intelligence, robotics, biotechnology and data science are poised to disrupt every industry and every aspect of modern life. Aiming at training students to play a key role in this technology-led era, CUHK Engineering offers a total of 13 engineering programmes. In this talk, we will give an overview of 5 of our programmes, namely Computer Science and Engineering, Information Engineering, Mathematics and Information Engineering, Mechanical and Automation Engineering and Systems Engineering and Engineering Management.

講座簡介

世界正處於「第四次工業革命」之中，物聯網、人工智能、機器人、生物科技和數據科學的融合正顛覆着各行各業。中大工程學院共提供13個工程學課程，以培養學生在這個科技主導的時代扮演關鍵角色。在本次講座中，我們將介紹學院的其中 5 個課程，包括計算機科學與工程、信息工程、數學與信息工程、機械與自動化工程及系統工程與工程管理。

Faculty of Engineering 工程學院

FACULTY WEBSITE

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HOW ENTREPRENEURS SEE BIOTECHNOLOGY AND THE HEALTHCARE INDUSTRY
從企業家角度看生物技術和醫療保健

THIS LECTURE IS PRESENTED BY A NEW PROGRAMME: **BIOTECHNOLOGY, ENTREPRENEURSHIP AND HEALTHCARE MANAGEMENT** 講座由生物科技、創業與醫療管理課程提供

Language 語言：	In Cantonese 廣東話主講
Speaker 講者 ：	Prof. LAM, Hon Ming 林漢明教授 (Choh-Ming Li Professor of Life Sciences 卓敏生命科學教授)
	Prof. CHAN, Ho Yin Edwin 陳浩然教授 (Professor, School of Life Sciences 生命科學院教授)
	Prof. WONG, Wing Tak Jack 黃永德教授 (Assistant Professor, School of Life Sciences 生命科學院助理教授)
Date 日期：	11 March 2022 (Friday)
Time 時間：	17:00 - 18:30
Venue 地點：	Esther Lee Building, CUHK 香港中文大學利黃瑤璧樓 (Exit A, MTR University Station 港鐵大學站 A 出口)

QUICK OVERVIEW

To cater for the Hong Kong's opportunities to develop into an international innovation and technology hub and the global demand for better health management, the Biotechnology, Entrepreneurship and Healthcare Management Programme jointly organized by the Faculty of Science, Faculty of Medicine, and the Faculty of Business Administration aims to cultivate a new generation of talents with entrepreneurship and innovative mindset, ability to analyze and integrate a wide range of scientific and technological information and have healthcare management training. In addition to traditional lectures, active learning will be implemented through self-selected projects. The contents will include critical analysis of "real-world" business models and policies related to biotechnology and healthcare, as well as training in business plan and policy proposal writings, etc. In addition, industry professionals in related fields will be invited to provide mentorships and off-campus internship opportunities for the students.

課程簡介

為配合香港發展成國際創科中心的機遇，以及全球對優質醫療管理的需求，由理學院、醫學院以及工商管理學院合辦的生物科技、創業與醫療管理課程旨在培養新一代具企業家創新思維、分析及整合廣泛科技訊息的能力，並曾接受醫療管理訓練的人才。除了傳統課堂，學生還可通過自選課題研習來實踐自主學習。課程內容包括分析實際營商環境中的企業模式和與生物科技及醫療相關的政策、商業計劃書和政策建議書撰寫等，更會邀請業界人士指導和提供校外實習機會。

Biotechnology, Entrepreneurship and Healthcare Management
生物科技、創業與醫療管理

NEW PROGRAMME IN 2022

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