

## PROFESSIONAL EDUCATION

### 專業教育

Students benefit enormously from the development of the professional education that we offer at City University of Hong Kong (CityU). At all times, we strive to push “beyond boundaries” and supply our undergraduates and postgraduates with stimulating, timely and impactful teaching and learning opportunities. This year was no different.

香港城市大學(城大)致力發展專業教育，栽培學生成為優秀人才。大學一直鼓勵本科生及研究生「突破界限」，並提供激勵思考、合時而影響深遠的學習機會。城大於本年度的專業教育舉措貫徹如一。

## Professional Education 專業教育

### Roaring with success

High-flying students require more academic challenges if they are to develop their potential. The Tiger Programme, a suite of exceptional programmes launched in July 2021 for outstanding students, aims to prepare participants for future leadership roles in science and innovation. CityU Tiger offers a customised curriculum in Mathematics, Physics, Chemistry, English Language and other high-quality courses.

About 200 CityU Tiger students were welcomed at a ceremony held both on campus and online in September 2021. They were among the very top students, such as those with an overall score of 30 or above in four core and two elective subjects in the Hong Kong Diploma of Secondary Education Examination or an overall score of 40 or above in the International Baccalaureate. On offer are also new scholarships, the President's Scholarship and the Hong Kong Tech Scholarship, which reward students who have achieved academic excellence in science (including the biological sciences) and engineering. Tenable for four years, the President's Scholarship is worth \$300,000 per year and the two Hong Kong Tech Scholarships are each worth \$200,000 per year.

### Best teachers in Hong Kong

Recognition for the excellent work of our best teachers is extremely heartwarming since it indicates the high quality of the pedagogy on campus. In September 2021, it was gratifying to learn that a CityU-led inter-institutional team promoting positive education among university students won the 2021 University Grants Committee Teaching Award. Professor Sylvia Kwok Lai Yuk-ching from the Department of Social and Behavioural Sciences is the Principal Investigator of the Joint University Mental-wellness Project (JUMP), which aims to enhance university students' well-being, increase their resilience to face adversity and challenges, and nurture them to contribute to society.

### 老虎班助學生踏上成功之路

對於傑出學生，須給予更多學術挑戰，以助其發展潛能。城大因此於2021年7月推出包含一系列頂尖課程、設計獨特的「老虎班」，特設數學、物理、化學、英文及其他高質素基礎課程，以培育優秀學生成為未來科創領袖。

大學於2021年9月在校內及網上舉行典禮，歡迎約200名「老虎班」學生。他們都是最優秀的學生，例如在香港中學文憑考試(HKDSE)四科主修科加兩科選修科取得總分達30分或以上，或於國際文憑大學預科課程(IB)取得總分達40分或以上。大學為嘉許在科學(包括生物科學)和工程學方面表現優異的學生，特設兩項全新獎學金：校長獎學金和香港科技獎學金。校長獎學金每年設一個名額，金額為每年30萬港元；兩個香港科技獎學金名額，金額為每年各20萬港元。獎學金為期四年。

### 教資會傑出教學獎

優秀老師以其卓越教學獲得表彰，反映了大學的優質教學質素，悉之令人倍感欣慰。2021年9月再次傳來喜訊，由城大領導的跨院校團隊，以促進大學生正向教育的「聯校心理健康推廣計劃」榮獲2021年大學教育資助委員會傑出教學獎。城大社會及行為科學系郭黎玉晶教授是該計劃的首席研究員。計劃目標是提升大學生的身心健康，加強他們面對逆境及挑戰的應變能力，培育他們為社會作出貢獻。



A CityU-led inter-institutional team won the 2021 University Grants Committee Teaching Award.

由城大領導的跨院校團隊榮獲2021年大學教育資助委員會傑出教學獎。

### Excellence on campus

Excellence in teaching needs to be recognised and rewarded as a means to raise teaching standards across campus. This year six faculty members received Teaching Excellence Awards for their contributions to raising the quality of teaching at CityU. The winners were Dr Max Hattler, Assistant Professor in the School of Creative Media (SCM), and a team led by Professor Henry Chung Shu-hung, Chair Professor in the Department of Electrical Engineering (EE), comprising Professor Robert Li Kwok-yiu, Department of Materials Science and Engineering; Dr Ray Cheung Chak-chung, Associate Professor, EE; Dr King Lai Wai-chiu, Associate Professor, Department of Biomedical Engineering; and Dr Lam Miu-ling, Associate Professor, SCM.



Six faculty members received Teaching Excellence Awards for raising the quality of teaching at CityU.

六位學者致力提升城大教學質素，榮獲傑出教學獎。

### 城大傑出教學獎

傑出教學理應獲表揚及獎勵，以提升校內教學水平。本年度共有六位學者以其對提升大學教學質素的貢獻，榮獲傑出教學獎。得獎者分別是創意媒體學院助理教授Max Hattler博士，以及電機工程學系講座教授鍾樹鴻教授領導的教學團隊，成員包括：材料科學及工程學系李國耀教授、電機工程學系副教授張澤松博士、生物醫學工程學系副教授賴偉超博士，以及創意媒體學院副教授林妙玲博士。



The Inauguration of Bright Future Engineering Talent Hub 「鵬程優才工程學庫」啟動儀式

### Bright future for top talent

STEM education is integral to the development of society. The Bright Future Engineering Talent Hub, which was established at the College of Engineering (CENG) thanks to a HK\$4 million donation from the Bright Future Charitable Foundation, will encourage CityU and secondary and primary schools to collaborate on nurturing engineering professionals through the 24-month STEM education programme. One of the key features of this programme is to recruit secondary students as interns for research projects conducted by CENG students and professors.

### 優秀學生鵬程展翅

STEM教育已成為社會發展的重要部分。城大工學院獲鵬程慈善基金慷慨捐贈港幣400萬元，成立「鵬程優才工程學庫」。這項為期24個月的STEM教育計劃，將加強城大與中、小學合作，培養不同範疇的工程學人才。計劃特色之一是中學生能夠以實習形式，參與城大工學院師生進行的科研項目。

### Learning from world-class professors

The well-established President's Lecture Series: Excellence in Academia, initiated by President Kuo in 2010, continued to introduce the CityU community to the high-quality research endeavours of our foremost professors.

In October 2021, Professor Nikolaus Osterrieder, Dean, Jockey Club College of Veterinary Medicine and Life Sciences, and Chair Professor of Virology and One Health in the Department of Infectious Diseases and Public Health, gave a talk titled "Getting the upper hand on COVID-19".

In November 2021, Professor Zhou Dingxuan, Chair Professor and Associate Dean, School of Data Science; Chair Professor, Department of Mathematics; and Director, Liu Bie Ju Centre for Mathematical Sciences, spoke about "Mathematical Theory of Deep Learning".

Professor Matthew Lee Kwok-on, Vice-President (Development and External Relations) and Chair Professor, Information Systems and E-Commerce, Department of Information Systems, gave a talk titled "Why are we so addicted to Cyber Worlds? From Tamagotchi to metaverse" in January 2022.

In the final lecture in this series for 2021/22, the talk by Professor Chi Yun, Chair Professor in the Department of Materials Science and Engineering and Department of Chemistry, was titled "Transition-Metal Phosphors and Corresponding Organic Light Emitting Diodes".

### 世界級教授講座

由郭位校長於2010年設立的「校長講座系列：學術薈萃」弛聲走譽，校內重量級教授通過講座持續向城大社群介紹其高質素研究。

賽馬會動物醫學及生命科學院院長、病毒學及健康一體化講座教授Nikolaus Osterrieder教授，於2021年10月以「疫苗前後 — 如何在應對新冠病毒上保持優勢」為題發表演講。

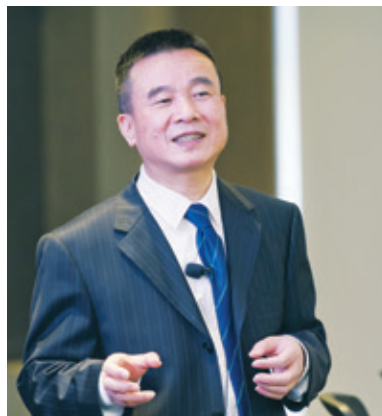
2021年11月，數據科學學院講座教授兼副院長、數學系講座教授、劉璧如數學科學研究中心主任周定軒教授主持講座，題為「深度學習的數學理論」。

副校長(發展及對外關係)、資訊系統及電子商貿講座教授李國安教授，於2022年1月以「為何我們如此沉迷於網絡世界？從他媽哥池到元宇宙」為題發表演講。

該系列在2021/22學年舉行的最後一場講座，由材料科學及工程學系兼化學系講座教授季昀教授主持，題為「過渡金屬磷光體與相應的有機發光二極管」。



Professor Nikolaus Osterrieder  
Nikolaus Osterrieder教授



Professor Zhou Dingxuan  
周定軒教授



Professor Matthew Lee Kwok-on  
李國安教授



Professor Chi Yun  
季昀教授

### Student Numbers 2021/22 2021/22學生人數

	Research Postgraduate 研究學位課程	Professional Doctorate 專業博士課程	Taught Postgraduate 修課式研究生課程	Undergraduate 學士學位課程	Associate Degree 副學士學位課程	Total 總數
College of Business 商學院	279	179	1,521	4,043	0	6,022
College of Engineering 工學院	1,253	13	684	2,994	250	5,194
College of Liberal Arts and Social Sciences 人文社會科學院	313	0	1,511	2,754	0	4,578
College of Science 理學院	314	0	103	582	0	999
Jockey Club College of Veterinary Medicine and Life Sciences 賽馬會動物醫學及生命科學院	245	0	28	484	0	757
School of Creative Media 創意媒體學院	78	0	200	678	0	956
School of Data Science 數據科學學院	103	0	113	288	0	504
School of Energy and Environment 能源及環境學院	109	0	90	267	0	466
School of Law 法律學院	24	42	679	219	0	964
<b>Total 總數</b>	<b>2,718</b>	<b>234</b>	<b>4,929</b>	<b>12,309</b>	<b>250</b>	<b>20,440</b>

Note:

The student numbers (including the new intakes) are counted as at the census dates defined by the University Grants Committee.

註：

學生人數(包括新生)以大學教育資助委員會收集統計數據的日期為準。

## Academic Awards Conferred in 2021 2021年大學頒授學銜

Academic Awards Conferred in 2021 2021年大學頒授學銜	Total 總數
Doctor of Philosophy 哲學博士	426
Doctor of Business Administration 工商管理學博士／工商管理博士	26
Doctor of Juridical Science 法學博士	7
Engineering Doctorate 工程學博士	4
Master of Philosophy 哲學碩士	10
Master's Degree 碩士	3,345
Postgraduate Diploma 深造文憑	5
Postgraduate Certificate 深造證書	215
Bachelor's Degree 學士	3,597
Associate Degree 副學士	141
<b>Total 總數</b>	<b>7,776</b>

## Distribution of Employed Full-time 2021 Graduates by Employment Sector 按行業劃分2021年度全日制畢業生的就業人數

Employment Sector 行業	Undergraduate (UG) 學士畢業生		Associate Degree (AD) 副學士畢業生	
	Number (UG)人數	(%) 百分比	Number (AD)人數	(%) 百分比
Business Services 商業服務	433	23.70%	2	11.76%
Community, Social and Personal Services 社區、社會及個人服務	144	7.88%	2	11.76%
Construction 建造	43	2.35%	3	17.65%
Education 教育	198	10.84%	—	—
Electricity, Gas and Steam 電力、氣體燃料及蒸汽	13	0.71%	2	11.76%
Engineering, Architectural and Technical Services 工程、建築及技術服務	226	12.37%	6	35.29%
Financial Institutions 金融機構	226	12.37%	—	—
Government 政府	69	3.78%	—	—
Hospitality and Tourism Services 酒店及旅遊服務	22	1.20%	—	—
Insurance 保險	27	1.48%	—	—
Manufacturing 製造業	62	3.39%	1	5.88%
Real Estate 房地產	59	3.23%	—	—
Trading 貿易	100	5.47%	—	—
Transport, Storage and Communications 運輸、存儲及通信	101	5.53%	—	—
Not Classified Above 其他	104	5.69%	1	5.88%
<b>Total 總數</b>	<b>1,827</b>	<b>100%</b>	<b>17</b>	<b>100%</b>

## Notes:

- Valid responses: 3,145, or 87.5%, of the total number of UG graduates in 2021 and 132, or 93.6%, of the total number of AD graduates in 2021. (Remarks: total number of UG graduates = 3,593; AD graduates = 141)
- The figures include only 2021 full-time graduates of UGC-funded degrees and associate degrees.

## 註:

- 調查收回的有效問卷共3,145 (UG)及132 (AD)份，佔2021年畢業生總數的87.5% (UG)及93.6% (AD)。(註：學士畢業生總數：3,593；副學士畢業生總數：141)
- 數字只涵蓋2021年度政府資助的全日制學士及副學士畢業生。