

POSTGRADUATE PROGRAM GUIDE 2024





Master of / Postgraduate Diploma in **PSYCHOLOGICAL MEDICINE (PSYCHOSIS STUDIES)**

精神醫學 (思覺失調學)

碩士及深造文憑課程 (兼讀制)



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Now

24-25

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Intake Now

MPsyMed Programme Office

(852) 2255 3818

psymed@hku.hk

hkupsymed

https://psymed.hku.hk

Meeting changing market requirements

As a dynamic city at the hub of the fastest growing region of the world, Hong Kong has never stopped evolving and adjusting itself to changes, but the pace has never been as pressing as in the last four decades or so since China adopted an open door policy and is now achieving significant advances, triggering profound changes in our economy as well.

While our economy is overwhelmingly based on the service sector, there is now so much competition around the region that we must also move up the value chain if we want to remain successful. We need to reinforce our traditional strength by embracing information technology and modern management practices to stay ahead of the game.

With the focus of development now placed on the Greater Bay Area, and with Hong Kong being an integral member of the cluster of cities leading the charge, the

emphasis of change is now firmly on exploring new growth potential with an industry-oriented approach, especially in such emerging strategic areas as innovation and technology, creative industries, and more.

Under the new economic order, formal training merely provides the foundation and marks a beginning in the learning process; it must be supplemented and updated by a host of specific knowledge and skills. Indeed, most professions mandate that their members have to earn their license to practice by continuous learning.

This guide contains a wealth of updated information on a wide range of innovative programs that helps pave the way for your career progression and personal development.

Andy
Features Editor



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January 2024

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make
your mark.



MSc in Financial Technology and Data Analytics MSc(FTDA) 香港大學金融科技與數據分析理學碩士課程

The interdisciplinary Master of Science in Financial Technology and Data Analytics Programme is designed to nurture financial technologists and entrepreneurs with essential knowledge in both finance and technology.

It is ideal for students who are interested in the financial technology sector, as they would learn new competencies in new technologies such as AI (artificial intelligence), blockchain, big data analysis, financial fraud analytics, etc.

Five scholarships* shall be awarded to local students who are Hong Kong permanent residents.

Information Session for CompSc, ECIC & FTDA

Date	Time	Venue
25 Jan 2024 (Thur)	6:45pm	CPD-2.42, 2/F, The Jockey Club Tower, Centennial Campus, HKU



Registration Link

Expanding horizons in Hong Kong's thriving postgraduate landscape

As the winter break fast approaches for universities in Hong Kong, many graduating students are beginning to explore options for advancing their education at the postgraduate level. While finalizing graduation plans, these individuals are researching the robust lineup of taught master's programs on offer across the city's renowned institutions. Hong Kong's market for postgraduate degrees continues to attract strong interest each application cycle, with more job seekers recognizing the considerable career benefits that advanced qualifications can provide.

Earning a master's has essentially become a prerequisite for many professional fields as employers seek candidates with demonstrable skills beyond just an undergraduate degree. In today's global, knowledge-based economy, specialized expertise is crucial. Hong Kong's universities have adapted their postgraduate curriculums to directly equip students with the practical skills and innovative mindsets sought by industries.

Programs are now available across diverse domains like business administration, design, bioengineering, data science, public policy and more. Courses at institutions like The University of Hong Kong (HKU), City University of Hong Kong (CityU) and The Chinese University of Hong Kong (CUHK) immerse students in experiential learning through hands-on projects, company internships, faculty-led research collaborations, and international exchange opportunities. This makes coursework highly relevant for both career shifters looking to transition industries, as well as existing professionals aiming to advance to strategic leadership roles.

As Hong Kong's economic focus shifts further towards higher-value sectors in finance, technology and creative services, demand is stronger than ever for specialized talent with advanced qualifications. A robust pool of postgraduate skills is key to developing the future managers, entrepreneurs, healthcare experts and policymakers needed to propel priority industries.

By acquiring an advanced degree from Hong Kong's world-leading universities, graduates gain a significant edge in the competitive global job market with their demonstrable technical abilities and highly transferable critical thinking and collaboration skills. For ambitious career-focused individuals, postgraduate education offers a proven pathway to expanded horizons and lifelong success.



Reality check for AI at expo

Over the past year, universities in Hong Kong grappled with the need to adapt their policies in response to surging utilization of artificial intelligence tools like ChatGPT in academia.

AI had the education sector abuzz, sparking heated debates at the Learning & Teaching Expo 2023.

As Asia's leading education show, the Learning & Teaching Expo opened from December 13 to 15 on the theme of shaping education for a world of change, with participants in attendance at a record-breaking 520 booths.

Presented by Hong Kong Education City, organized by Bailey Communications Hong Kong and supported by the Education Bureau, LTE had its grand opening ceremony at the Hong Kong Convention and Exhibition Centre.

Armstrong Lee Hon-Cheung, board chairman EdCity, said: "We are entering a new phase of transformative education where technological advances are revolutionizing every aspect of our life."

"Education is of course no exception. While we are proud to embrace the power of technology and innovation, which can help us overcome the force of conventional ways of learning and teaching, it also comes with challenges."

At the expo, these opportunities and challenges faced by the sector were discussed by 400 prominent experts, officials and academics from different regions and countries.

Over 270 keynote presentations, open lessons, seminars and showcases were presented on more than 10 theater stages, covering topics ranging from AI, Greater Bay Area education developments to student wellbeing and innovative learning.

Lee said AI and its application in education are one of the key topics of the expo. "As modern technology continues to evolve, AI education has become one of the central themes of the expo."

Rose Luckin, professor of learner centered design at University College London's Knowledge Lab, spoke on the impact of AI on education: benefits and challenges in the opening presentation on the main stage.

Renowned for her studies in the design and evaluation of educational technology, especially AI, Luckin examined the role of AI in education today and envisioned the future landscape.

She said AI should be used as a complementary tool to help humans: "AI is smart, but humans are smarter. There is no replacement for the human teacher, but AI can be a very powerful assistant for that human teacher."

She believed that with proper application, AI could help improve human intelligence as well as bring greater equality in education.

Numerous exhibitors showed projects utilizing AI in education at the expo.

Interleaf, a company dedicated to integrating the latest developments in AI to transform the education landscape, introduced its AI teaching content generator.

With a few simple inputs from the teacher, it could generate quiz questions to assess students' comprehension of key concepts.

Una Technologies, another exhibitor, presented its latest product: an automatic AI marking system for student assignments, reducing teacher's workload while giving students instantaneous results.

In her opening-ceremony address Secretary for Education Christine Choi Yuk-lin said: "Over the years the Education Bureau has remained steadfast in its dedication to promoting innovation in education. I firmly believe that the expo would inspire new ideas toward meaningful connections."

The expo offered a platform for exhibitors and schools to engage in enthusiastic discussions, fostering meaningful connections and addressing the advancements and challenges we face today.

With the presentation and conversations happening at the expo, it's easier to imagine and get accustomed to a new era of education intricately intertwined with AI, ultimately shaping education for a world of change.



HKU's specialised Master's programme equips students with advanced skills in psychosis treatment

With a focus on treating psychotic disorders like schizophrenia, the Master of Psychological Medicine (Psychosis Studies) provides cutting-edge training to equip graduates with advanced clinical skills for assessing and managing complex mental health conditions.



Psychotic disorders, including schizophrenia, are one of the top 10 causes of disability. This complex condition caused by a number of genetic and environmental factors has a community prevalence of up to 3-4%. Treatment of psychosis is complex and depends on skillful integration of biomedical and psychosocial approaches.

The Master of Psychological Medicine (Psychosis Studies) programme provided by the Department of Psychiatry, The University of Hong Kong, aims to

provide opportunities for graduates with relevant backgrounds to be equipped with in-depth knowledge and skills for working in the active field of psychosis. It will also equip students with the capacity to critically contemplate the knowledge base in psychosis, and to derive information, ideas and insight that could contribute to clinical service, education, public awareness, and research in the field of psychosis.

The Master of Psychological Medicine (Psychosis Studies) (MPsMed) is the only taught postgraduate programme locally offering in-depth study focusing on psychotic disorders in Hong Kong. Our faculty members, who are leaders in the field, designed the courses of the program and lecture on the courses. Other leading professionals in the field including psychiatrists, nurses, psychologists, occupational therapists and social workers were also invited as lecturers of this program. This allowed the dissemination of the most updated knowledge and understanding in the field.

The programme aims to equip students with the capacity to critically contemplate the knowledge about psychosis and to derive information, ideas and insight that could contribute to clinical service, education, public awareness, and research in the field of psychosis.

While similar to the Master of Psychological Medicine (MPsMed), the Postgraduate Diploma in Psychological Medicine (PDipPsyMed) aim to provide structured in-depth training in Psychosis Studies without the component of a capstone project.

For more information about the programmes, please refer to the following website: <https://www.psyhed.hku.hk/>.

HKU Faculty of Engineering

Embracing emerging technologies for a better future



The Faculty of Engineering is one of the founding faculties of The University of Hong Kong. Over the past century, the Faculty has continued to be one of the most comprehensive engineering faculties in Hong Kong, spanning across a wide spectrum of engineering disciplines. The Faculty has five departments, specializing in civil engineering, computer science, electrical and electronic engineering, industrial and manufacturing systems engineering, and mechanical engineering.

The Faculty has been providing well-rounded curricula and high-quality engineering education in global knowledge-based economy at undergraduate and postgraduate levels, and making significant contributions to Hong Kong and the engineering community world-wide by training top-rated engineers. The Faculty of Engineering continues to attract the best students from around world to Hong Kong to study a range of diverse curricula.

Our Faculty offers 11 premier master's degree curricula which are taught by high-calibre HKU faculty members, internationally renowned professors from prestigious overseas universities, leading industrialists and practitioners. These curricula place a strong emphasis on high-quality education and applied research knowledge of professional and practical importance, and are regularly reviewed and

updated. Entrance scholarships are available for well-qualified full-time and part-time Master's students.

To maximize students' learning experience, each curriculum includes a "capstone experience", allowing students to undertake projects or dissertations. The student-driven capstone experience focuses on the integration and application of knowledge and skills that students have acquired throughout their studies.



To facilitate a smooth transition into the HKU community, orientation programmes are offered to new students at

the beginning of the academic year. In addition, career seminars and workshops are organized to provide students with insight into potential career paths. Recent graduates are also invited to share their experience. Besides, an academic adviser is appointed to each student. Discussions are not limited to academic matters, as students can also seek advice on topics like career development if needed. The Faculty also uses channels like staff-student consultative committees, course evaluations and student learning experience questionnaires to better understand student needs and expectations.

The Faculty is now inviting applications for 2024/25 admissions.



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List of master's degree curricula

Master of Science in Engineering in

- Building Services Engineering[^]
- Civil Engineering
- Electrical and Electronic Engineering
- Energy Engineering
- Industrial Engineering and Logistics Management
- Innovative Design and Technology
- Mechanical Engineering
- Microelectronics Science and Technology

Master of Science in

- Computer Science[^]
- Electronic Commerce and Internet Computing
- Financial Technology and Data Analytics

[^] Eligible curriculum under the UGC Targeted Taught Postgraduate Programmes Fellowships Scheme 2024/25.

Notes: Some courses are reimbursable under the Continuing Education Fund.

Application Deadlines:

Open for Applications: September 25, 2023

Application Deadlines: Round 1 (Main): December 29, 2023

Round 2 (Clearing): 12:00am, April 12, 2024

Overseas and Mainland applicants are encouraged to apply at Main Round to allow sufficient time for visa application to Hong Kong.

More details: <https://engg.hku.hk/Admissions/MSc>



HKU Faculty of Engineering

Tel (852) 3917 2803 or 3917 2407

Email enggtpg@hku.hk

Website <https://engg.hku.hk/Admissions/MSc>

Online Application www.hku.hk/tpg

Cultivating leaders in the transport field



The first and only programme focusing on the transport policy and planning field in the city, the coveted Master of Arts in Transport Policy and Planning (MATPP) programme offered by the University of Hong Kong has gained recognition in Asia with its comprehensive and multi-disciplinary curriculum.

Co-organized by the Department of Geography, the Department of Urban Planning and Design, and the Department of Civil Engineering at the University of Hong Kong, the MATPP programme has been equipping professionals at the executive level with holistic training in the transport sector since its first intake in 1997.

Covering a wealth of major transportation systems, MATPP is designed for professionals who are in pursuit of professional excellence, critical intellectual inquiry and life-long learning in transportation. Through its balanced programme structure, where students have to complete a dissertation, and study seven core courses on basic knowledge and two electives covering specific areas, they will learn how to tackle novel situations and ill-defined problems, uphold professional ethics in transportation and be ready to embark on leading roles in transport policy and planning.

"Transport is about creating convenience for the human population, so our programme is designed to cover both hard and soft sciences involved in the field, with a significant focus on how students can think critically ahead from early planning to maintenance stages to come up with human-centric solutions," said Professor Becky P.Y. Loo, Programme Director of the MATPP programme. "We have a team of highly qualified and experienced teaching staff who are leading experts in the field to keep students abreast of the latest developments in Hong Kong and beyond."

Well situated in Hong Kong, with its unique public transportation systems, MATPP students are also open to the systems of a diversified mix of developed and developing countries like Chile, China, France, Singapore, the UK, and the USA to acquire an international understanding and global outlook in the industry.

"Another defining feature of our programme is that it is professionally accredited both as a CILT Accredited Programme, and RTPI Accredited Specialist Programme, which are internationally recognized, so students graduate with an extra competitive edge," Loo added.

Available for full-time and part-time studies, this flexibility has attracted a steady stream of students who have rich working experience in transport-related sectors like public transport companies, airline and airport businesses, government departments, and consultancy firms.

Apart from the availability of awards and scholarships to cultivate and encourage students' academic excellence, graduates will be in touch with a strong, supportive network of alumni to keep broadening their horizons.

Master of Arts in Transport Policy and Planning University of Hong Kong

Enquiries 3917 7114 / matpp@hku.hk

Website <https://www.matpp.hku.hk/>



THE UNIVERSITY OF HONG KONG



The course has been included in the list of reimbursable courses for Continuing Education Fund purposes (applicable to Hong Kong students only). For details, please visit the Office of the Continuing Education Fund website.

Master of Arts in Transport Policy & Planning 2024-2025



CILT Accredited Programme (Full Exemption)



RTPI Accredited Specialist Programme

Enquiries:

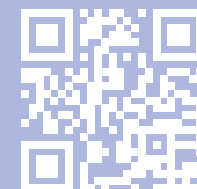
☎ (852) 39177114

✉ matpp@hku.hk

Application:

Online applications only.
Visit the programme website at:

matpp.hku.hk



Application Deadline:
29 FEB 2024

Equip oneself for a changing society with CUHK's Master of Arts in Sociology



In today's rapidly changing society, developing independent and critical thinking is essential to effectively analyze and address social phenomena. For this reason, post-graduate study in sociology represents not only an enriching academic pursuit but also an immensely practical path for gaining such valuable analytical skills.

Since 2005, The Chinese University of Hong Kong's (CUHK) Master of Arts (MA) in Sociology program within the Department of Sociology has been highly valued by both Bachelor's graduates across various disciplines and individuals from all walks of life.

Covering topics such as social institutions, politics, culture, economics, and everyday social experiences, the sociology curriculum serves to both broaden students' perspectives and enhance their professional profiles beyond their existing fields. With the goal of benefiting more learners, CUHK offers post-graduate sociology courses in full-time and part-time formats.

As a subject of wide-ranging interests, sociology examines diverse aspects of social dynamics including economic inequality, institutional structures, and global

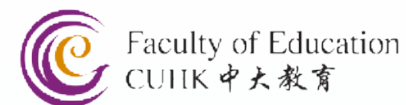
interconnectedness. Those with boundless curiosity, open-mindedness, and dedication to social awareness tend to be especially aligned with the goals of this MA program.

To nourish intellectual development, the MA in Sociology at CUHK requires core classes like Sociology and Modern Life, Methods of Social Inquiry, and Theoretical Perspectives in Sociology. Students also choose five electives from a rich pool of options including Decoding Hong Kong Society, Statistics for Social Research, Contemporary Chinese Society, Globalization: Challenges & Responses, Social Problems and Inequalities, Doing Class in Everyday Life, Crime and Criminal Justice, Issues in Education and Society, and Special Topics in Sociology.

This degree serves knowledge-seekers across fields such as education, social services, media, marketing, management, and more by providing tools for interpreting personal and societal developments in a time of continuous change. Both new Bachelor's graduates and career-oriented applicants can benefit from these skills for analyzing modern complexities.

The Chinese University of Hong Kong (Master of Arts in Sociology)

Enquiry 33943 6627
Email SociologyMA@cuhk.edu.hk
Application Deadline 29 February 2024



教育學院
博士及碩士學位課程
 2024/2025 年度入學申請

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課程名稱	查詢電郵	查詢電話	截止報名日期
哲學博士	phd.edu@cuhk.edu.hk	3943 6203	2024年1月31日
哲學碩士	mphil.edu@cuhk.edu.hk		
教育博士	ded.edu@cuhk.edu.hk		2024年2月29日
教育碩士	med.edu@cuhk.edu.hk		
中國語文教育文學碩士	mcle@cuhk.edu.hk		
幼兒教育文學碩士	mecm@cuhk.edu.hk		
英語教學文學碩士	enlt@cuhk.edu.hk		
學校諮商與輔導文學碩士	sgcl@cuhk.edu.hk		
學校改善及領導文學碩士*	silp@cuhk.edu.hk		
對母語為非英語人士的英語教學碩士	MATESOL@cuhk.edu.hk		
數學教育理學碩士	maed@cuhk.edu.hk		
運動科學與體力活動理學碩士*	hp_admission_sspe@cuhk.edu.hk	3943 5346	

*學校改善及領導文學碩士，及運動科學與體力活動理學碩士課程共有兩輪申請，次輪截止報名日期為2024年4月30日。

網上申請

<https://www.fed.cuhk.edu.hk/higherdegree/admission/application-procedures/>



課程資訊

<https://www.fed.cuhk.edu.hk/higherdegree/>



Invest in your future with an MBA that is right for you

How to decide which MBA suits your needs? Flexibility and a global reach are of paramount importance, according to Xavier Duran, MBA Programmes Director of The University of Manchester.



Choosing the right business school can broaden your world perspective, open up career opportunities, and equip you to meet the challenges ahead. With so many business schools to choose from, you should start by looking for flexibility.

Featuring a blended learning approach that includes online learning plus interactive workshops, the University of Manchester's Global MBA programme (Part-time) allows you to set your own learning pace while learning-by-doing instead of taking examinations as you attend practical face-to-face workshops that adopt a case-based and experimental approach.

"We offer the perfect balance of blended learning that works around your professional, your family and your study commitments," says Xavier Duran, MBA Programmes Director of The University of Manchester.

A network of strategic locations

The second consideration is the MBA's global reach. With five global centres located in the world's major commercial hubs, including Hong Kong, Dubai, Singapore and Shanghai, the programme offers a global reach with a local presence.

Its Hong Kong campus is conveniently located at the heart of Hong Kong business district, Causeway Bay, and is the

only overseas university fully equipped with its own staff, teaching facilities and campus in Hong Kong.

Duran points out that students can select workshops in Hong Kong or opt to travel overseas and to Manchester to take their elective course workshops. He explains that students can study with global business experts and local practitioners to gain unique perspectives, and have the choice to be as global or as local as they wish.

Recognition from the gold standard of business accreditation

The University of Manchester's Global MBA programme is one of the handful of business schools that has obtained Triple Crown accreditations: AACSB from the US, EFMD EQUIS from Europe, and the AMBA from the Association of MBAs.

Only one percent of the business schools around the world have received all three prestigious accreditations, making an MBA from The University of Manchester one of the best business qualifications in the world.

"With over 600 students from over 90 countries joining every year, it gives you a truly immersive experience that prepares you for the challenges that you will face as a leader now and in the future," adds Duran.



The University of Manchester Global MBA programme (Part-time)

33/F, Lee Garden One, Causeway Bay

Email mba@manchester.edu.hk

Website www.manchester.edu.hk



Registration No. 250144. It is a matter of discretion for individual employers to recognise any qualification to which this course may lead

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The University of Manchester



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The University of Manchester East Asia Centre

Lee Garden One, Causeway Bay

Registration number: 250144



Overseas workshop locations

Globally connected



SINCE 1824

It is a matter of discretion for individual employers to recognise any qualification to which this course may lead.

HKU offers a prestigious masters program in English Studies



Whether you're aiming at a career progression, a career change or simply for intellectual stimulation, the School of English at The University of Hong Kong's Faculty of Arts offers a stimulating program in Master of Arts in English Studies (MAES).

Available in a full-time mode of one year (2024-25), or a part-time mode of two years (2024-26), the MAES program adopts an innovative, cross-cultural focus, and is taught by leading, international, full-time faculty members. The program boasts a vibrant student community for intellectual exchanges, and comprises experiential learning as well as extra-curricular activities.

A flagship faculty of HKU, the faculty of Arts was founded

in 1912 when the University opened, and it has been a focus of academic life on campus ever since, building on its traditions to meet successive educational and intellectual challenges. In the US News and World Report 2021 and 2022, the Faculty was ranked first in Arts and Humanities in Asia, amongst a host of other recognitions.

Qualified students can apply for the scholarships available for this program, including the UGC Targeted Taught Postgraduate Fellowships and the MAES Entrance Scholarships.

Applications close at 12 noon on March 28, 2024, with a further round closing at 12 noon on June 28, 2024 for part-time applicants only.



The University of Hong Kong Master of Arts in English Studies (MAES)

Tel (852) 3917 7282
Email maesft@hku.hk (full-time)
maespt@hku.hk (part-time)
Website <https://english.hku.hk/Postgraduate/MAES>



SCHOOL OF ENGLISH
THE UNIVERSITY OF HONG KONG



Find MAES at HKU on
facebook



Master of Arts in ENGLISH STUDIES (MAES)

2024 - 25 Full-time / 2024 - 26 Part-time

Interested in career progression, career change
or intellectual stimulation?

Join us!

- * Innovative, cross-cultural focus
- * Taught by leading, international, full-time faculty members
- * HKU Arts and Humanities ranked 1st in Asia, US News and World Report 2021
- * Experiential learning, extra-curricular activities, vibrant student community

Period of Study: Full-time (1 year) / Part-time (2 years)

Combined courses may include:

Literature:

Introduction to Literature and
Cross-Cultural Theory
Global Shakespeare
Postcolonial Representations
Travel Writing and Culture
World Modernisms

Linguistics:

Introduction to Language
and Communication
Cultural Semiotics
Intercultural Communication
New Media and Discourse
The Global History of English

Scholarships:

UGC Targeted Taught Postgraduate Fellowships
MAES Entrance Scholarships

Apply Now!

Round 1: 12:00 noon (GMT +8), December 5, 2023
 Round 2: 12:00 noon (GMT +8), March 28, 2024
 Round 3: 12:00 noon (GMT +8), June 28, 2024
(Round 3 for Part-time applications only)

Programme Information:

<https://english.hku.hk/Postgraduate/MAES>

Enquiries:

Tel: (852) 3917 7282
 Email: maesft@hku.hk (full-time)
maespt@hku.hk (part-time)

Nurturing the next generation of educational leaders and experts

As Hong Kong enters a new post-pandemic era, the Faculty of Education at The University of Hong Kong remains dedicated to cultivating tomorrow's teachers and policy shapers. For nearly four decades, it has raised global standards in pedagogy through innovative thinking and talent cultivation, elevating lives by advancing education for all.



Situated within one of Hong Kong's leading research-intensive universities, the Faculty of Education at The University of Hong Kong (HKU) has been cultivating teachers and education experts since 1984. With a vision to lead the study and practice of education, influence public policy and improve community life through education, the Faculty aims to nurture graduates who are passionate about their professions and committed to improving education.

To realize this vision, the Faculty undertakes cutting-edge research with international impact while breaking new ground in curriculum design. Consistently ranked among one of the best globally, its programs are renowned for instilling compassion and creativity in students. Through carefully constructed community projects, theoretical learning is blended with practical experience to broaden global perspectives. Experiential learning also occurs abroad through student exchanges.

The Faculty currently offers a spectrum of undergraduate and postgraduate degree programs up to the doctoral level. Disciplines include early childhood education and

language education, plus specialized fields including information management, educational technology, and speech and hearing sciences. All aim to produce innovative thinkers capable of transforming education and advancing their industries. Moreover, the Faculty maintains an active programme of research studentships within its Doctor of Philosophy, Master of Philosophy, and Doctor of Education programmes.

To sustain excellence, the Faculty is committed to nurturing a collegial and diverse culture. It recruits students and staff of the highest caliber from multicultural backgrounds. Long-term partnerships within Hong Kong, Greater China and further afield enhance educational access worldwide.

As a regional and global hub of scholarship, the Faculty acts as a bridge connecting the intellectual and academic communities in Hong Kong, Mainland China and Asia, as well as a gateway and forum for scholarship with the rest of the world. While its academics are at the forefront of educational development through impactful research worldwide, the Faculty strives to nurture graduates to be capable of becoming leaders in the education field. Going forward, the Faculty will remain steadfast in incubating new ideas and empowering future change-makers.



HKU - Faculty of Education

Tel (852) 3917 6044
Email edfac@hku.hk
Address Room 420, 4/F, Meng Wah Complex,
The University of Hong Kong
Website <https://web.edu.hku.hk/>



Faculty of **Education**
The University of Hong Kong

2024 POSTGRADUATE ADMISSIONS

World University Rankings for Education

No. 1

U.S. News & World
Report
2022-2023

No. 6

Times Higher
Education
(THE) 2024

No. 8

Quacquarelli
Symonds
(QS) 2023

Doctor of Education [EdD]

教育博士

Master of Arts in Teaching English to Speakers of Other Languages [MA(TESOL)]

文科碩士(英語第二語言教學)

Master of Education [MEd]

教育學碩士

Master of Science in Audiology [MSc(Audiology)]

理科碩士(聽覺學)

Master of Science in Technology, Design and Leadership for Learning [MSc(TDLL)]*

理科碩士(學習科技、設計及領導)*

*Formerly known as Master of Science in Information Technology in Education.

Master of Science in Library and Information Management [MSc(LIM)]

理科碩士(圖書館及資訊管理)

Postgraduate Diploma in Education [PGDE]

學位教師教育文憑



[education.hku](https://www.facebook.com/education.hku)

[hku_education](https://www.instagram.com/hku_education)

[dukehku](https://www.youtube.com/dukehku)

<https://weibo.com/hkueducation>

The information in this poster is accurate at the time of printing but may be subject to change at any time.
The Faculty reserves the right at all times to withdraw or change the programmes/information listed in this poster.
(Printed in January 2024)

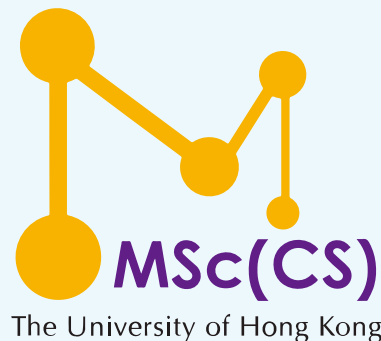
MORE INFO



Empower Your Career with Comprehensive MSc Programmes at HKU

The digital revolution is rapidly redefining job roles across every industry. With the rise of automation, AI, big data, financial technologies and internet platforms, it has become crucial to pursue higher education in these high-priority technology domains to gain a significant advantage in your career.

The University of Hong Kong (HKU), internationally renowned as Hong Kong's premier university, offers three specialized MSc programmes to equip you with specialized knowledge and professional competencies that employers urgently seek.



1. MSc in Electronic Commerce and Internet Computing



With a long-standing legacy, HKU's pioneering programme covers the latest developments and emerging trends in e-commerce and internet technologies including:

- Artificial Intelligence and Machine Learning: Gain in-depth exposure to intelligent systems, deep learning algorithms, predictive modeling techniques, and more. Discover their practical applications for driving business innovation.
- Big Data Analytics: Understand the data analysis process lifecycle. Learn collecting, organizing, processing large datasets and deriving actionable insights using analytics techniques.
- Financial Technology Innovations: Examine the latest fintech innovations and explore the transformative power of cutting-edge technologies like AI, blockchain, big data and mobile platforms. Gain insights into how these innovations are reshaping traditional finance in areas including payments, banking, investments and insurance.

- Smart Business and E-Commerce: Investigate digital transformation strategies, internet marketing models, online channel development, logistics/supply chain coordination principles, as well as data analytics driven decision making for achieving e-commerce success.

The flexible curriculum structure empowers you to tailor your course selection according to your specific interests and goals. Available in part-time and full-time modes, you can schedule studies alongside work. Graduates are equipped to excel in roles like:

- Machine Learning Engineer
- Data Scientist
- Fintech Innovation Specialist
- Interaction Designer
- Digital Marketing Strategist
- E-Commerce Technology Leader

2. MSc in Computer Science

HKU's MSc in CS has a proven track record of over two decades, delivering comprehensive training in computer science theories and state-of-the-art technologies including:

- Machine Learning and Data Engineering: Master advanced algorithms for classification, clustering, prediction, optimization, reinforcement learning, and more. Gain proficiency in implementing these algorithms using popular frameworks such as TensorFlow, PyTorch, and others. Develop a deep understanding of large-scale data processing architecture and tools, enabling effective handling and analysis of vast amounts of data.
- 5G and Mobile Networks: Learn to model, simulate, design and analyze high-speed, low-latency 5G systems, mobile edge computing architectures and investigate mobile apps, IoT networks integration etc.

- Cloud Computing and Edge AI: Examine concepts of database-centric, compute-centric and serverless cloud infrastructure. Explore edge computing and implementations of near-device localized AI.

- Cryptography and Blockchain: Understand the mathematical foundations of cryptography including number theory, algebraic structures etc. Investigate mechanics of blockchain data structure, consensus protocols, smart contracts execution etc.



HKU offers four specialized streams: the Cyber Security Stream, the Financial Computing Stream, the Multimedia Computing Stream, and the General Stream. You can choose a personalized curriculum via coursework, project or dissertation paths tailored to your previous experience and career development objectives.

3. MSc in Financial Technology and Data Analytics



Integrating computer science with business and legal studies, this unique programme meets the ever-growing need for talent demands for developing and deploying fintech solutions across diverse sectors such as banking, insurance, investment funds and regulatory agencies. Core topics include:

- Designing and Engineering Fintech Solutions: Learn to ideate and translate product requirements into workable solutions using technologies like mobile, cloud, blockchain

platforms and AI/ML APIs.

- Applying AI and Machine Learning in Finance: Explore supervised learning, unsupervised learning and reinforcement learning algorithms to solve problems in trading, investment management, credit underwriting, personalized financial planning etc.

- Analyzing Alternative Data for Investment: Understand quantitative and computational methods to process satellite imagery, shipping data, social sentiments, web scrapings etc. Learn how to apply these methods to develop effective trading strategies and make informed investment decisions.

- Managing Cybersecurity and Privacy: Examine cryptographic systems, risk models, data governance policies, regulatory compliance requirements related to fintech products and services. Delve into the essential aspects of safeguarding cybersecurity and privacy, equipping yourself with the knowledge needed to address these critical concerns in the fintech industry.

- Capstone Fintech Project: Develop a technology-driven prototype solution to solve a real-world problem, providing you with hands-on experience in addressing practical challenges.

Equipped with multidisciplinary knowledge of computer science, business and law, graduates are well-prepared to excel in various fintech roles across banking, insurance, investment funds, regulatory agencies and technology consultancies.

Distinguish yourself from the competition in job market with HKU's technology-focused MSc programmes, which provide not only specialized knowledge and hands-on skills but also a distinct career edge sought by leading employers. Scholarships also available for outstanding applicants.

Discover more and apply for 2024-25 admission.

HKU - MSc Programmes

MSc in Electronic Commerce and Internet Computing

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