

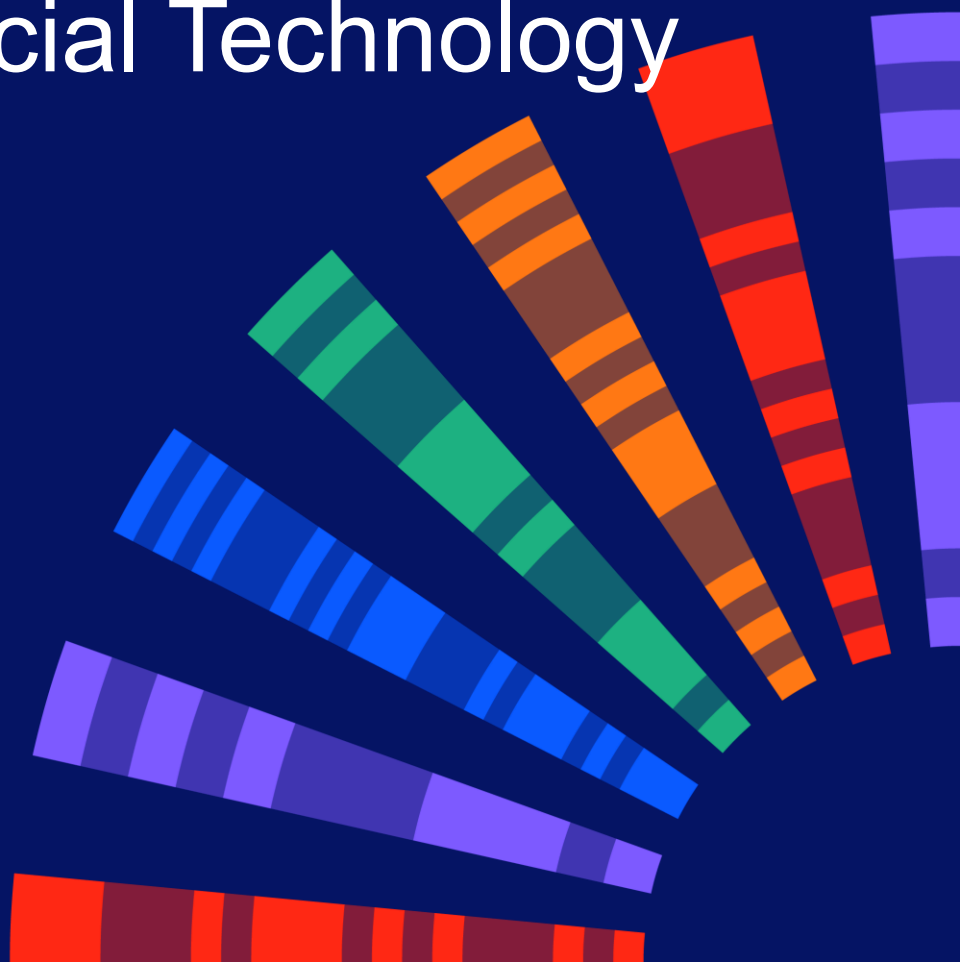
6248 BASc in Financial Technology BASc(FinTech)

HKU Induction Day 2025

14 August 2025



SCHOOL OF
**COMPUTING &
DATA SCIENCE**
The University of Hong Kong



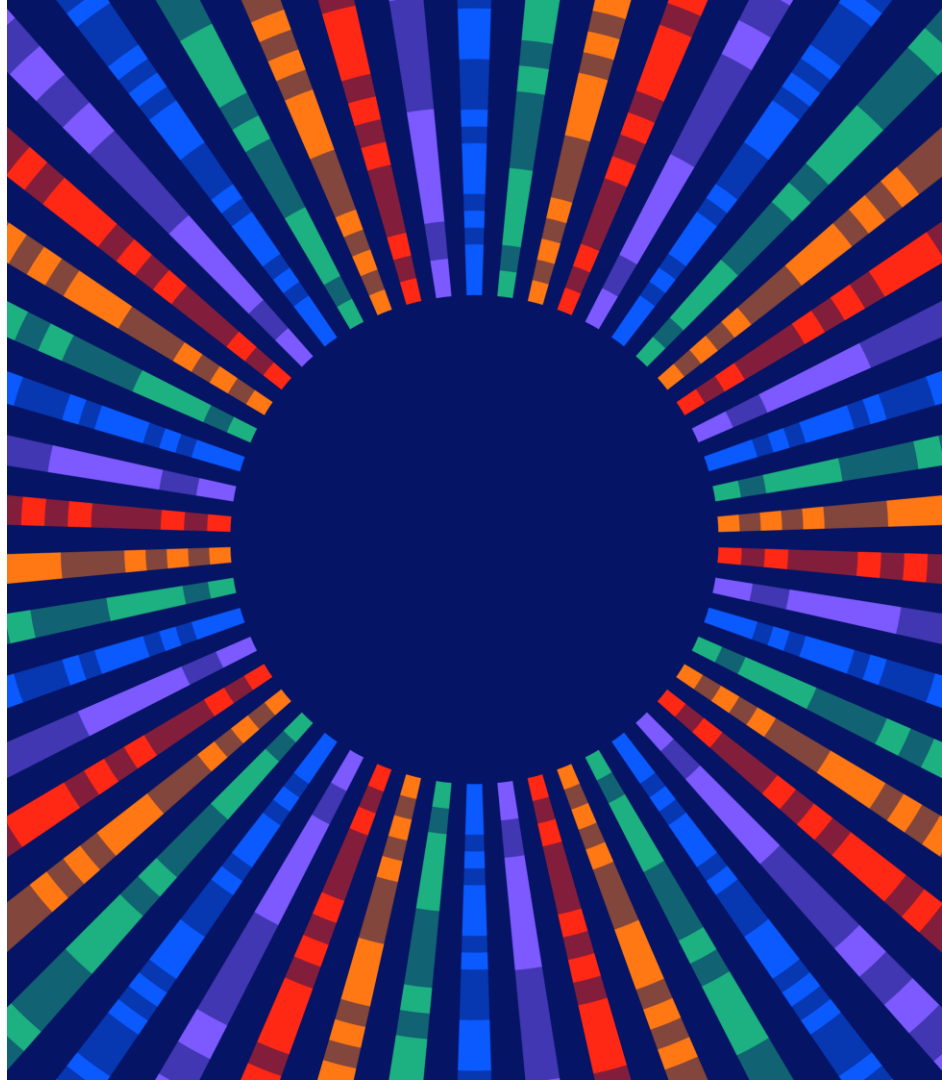
About School of Computing & Data Science (CDS)

Empowering Changemakers of the Future

- Newly established school at The University of Hong Kong
- Encompasses the Department of Computer Science and the Department of Statistics and Actuarial Science
- Aims to foster innovation, collaboration, and excellence in the vital fields of
 - Computing
 - Statistical Sciences
 - Data Science
 - Artificial Intelligence



The University of Hong Kong
School of Computing & Data Science



International rankings of HKU



#2

in Asia (2025)

#11

in the world (2026)

#18

Data Science and Artificial Intelligence
(2025)



Times
Higher
Education

#6

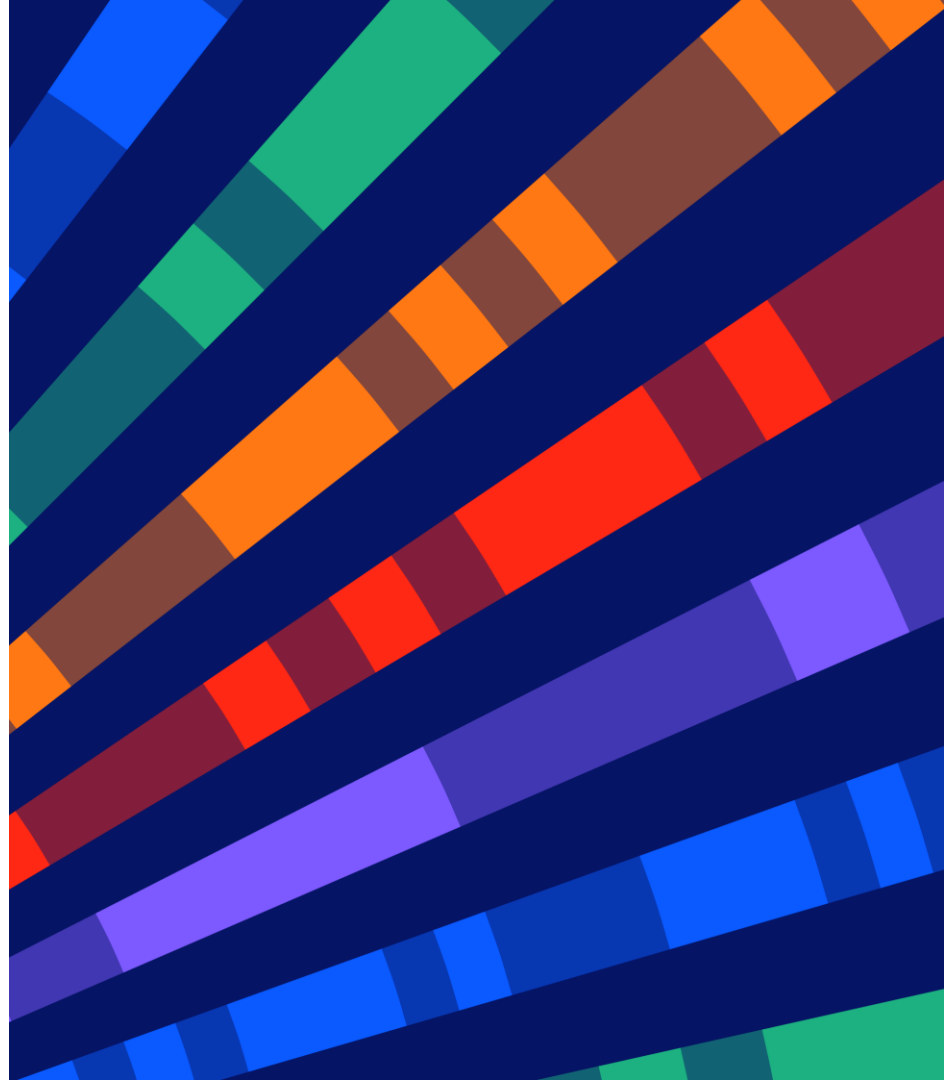
in Asia (2025)

#35

in the world (2025)



The University of Hong Kong
School of Computing & Data Science

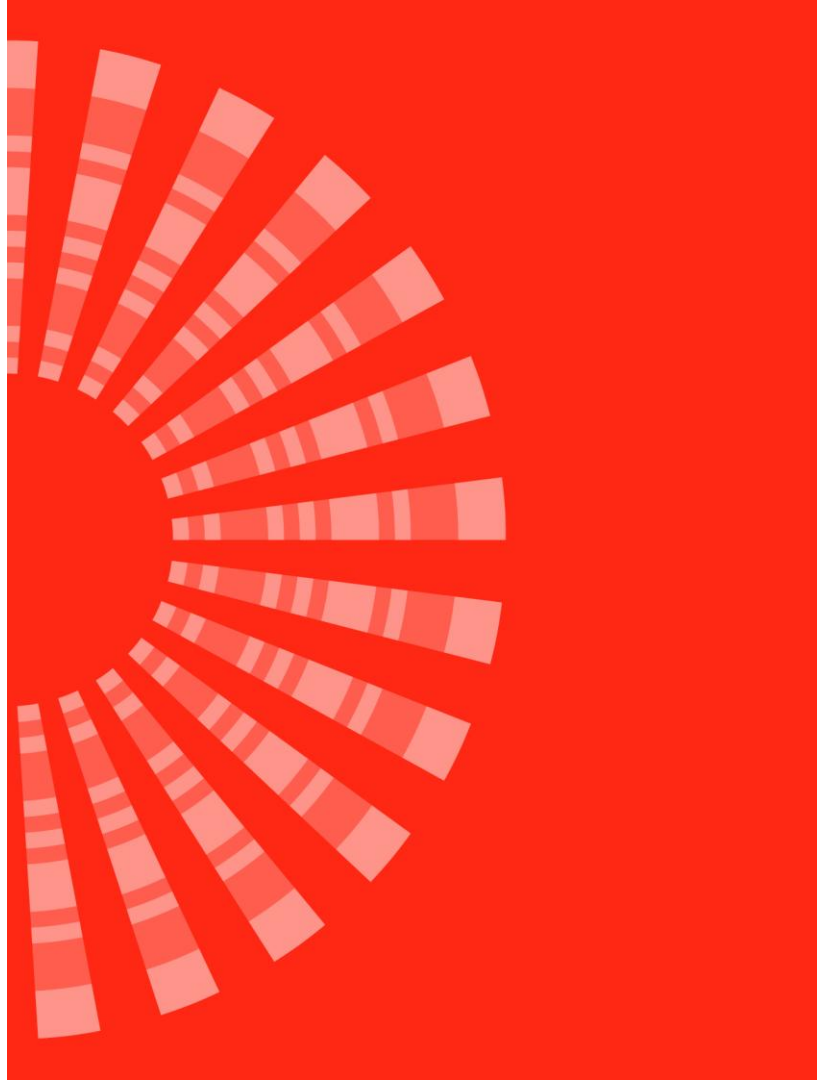


HKU Bachelor of Arts and Sciences in Financial Technology [BASc(FinTech)]

JUPAS Programme Code: 6248



The University of Hong Kong
School of Computing & Data Science



6248 BASc(FinTech)

The BASc(FinTech) nurtures leaders with interdisciplinary knowledge and skills for the finance industry in the ever-changing world



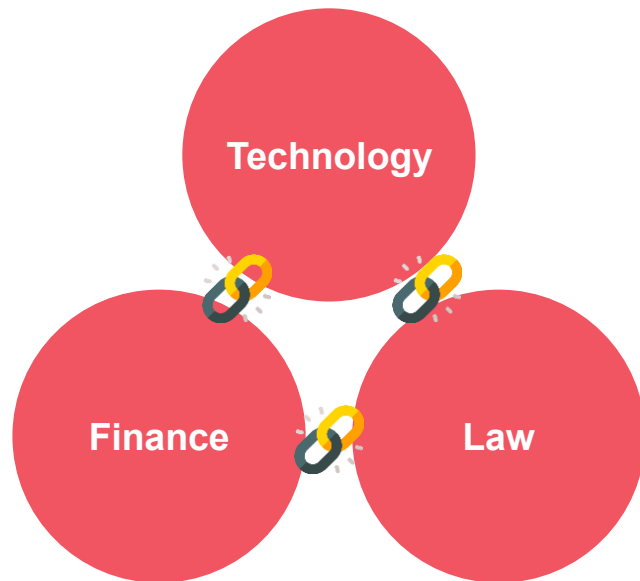
We equip students with a solid foundation in **technology, **finance**, and **law****



We offer FinTech-focused courses that emphasize the connection across disciplines



Students can freely choose the specialization they want to pursue



6248 BASc(FinTech)

Jointly offered by **School of Computing and Data Science (Technology)** & **Faculty of Business & Economics (Finance)**, with strong support from **Faculty of Law**

Hong Kong Monetary Authority | CBDC Expert Group (Oct 2023)

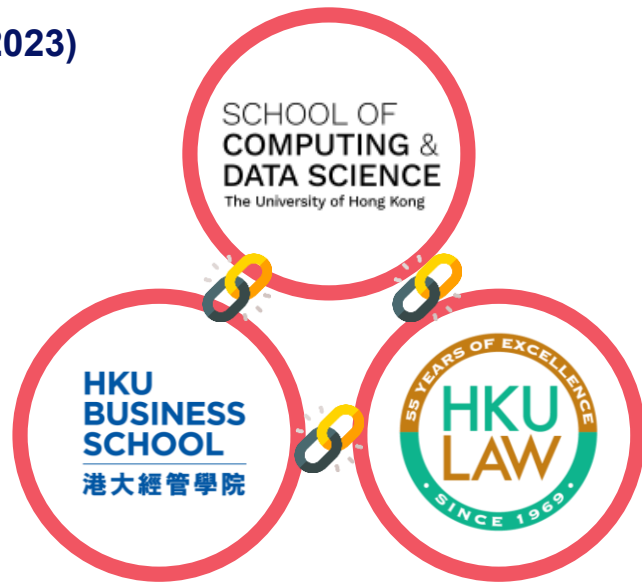
- Research on future e-HKD
- Experts from HKU computer science, business school, and law school

Mr Howard Lee, Deputy Chief Executive of the HKMA, said, "The HKMA has been actively fostering government-industry-academia collaboration in CBDC research. We are pleased to join forces with leading academic experts as part of our exploration of key policy and technical issues surrounding wholesale and retail CBDCs. The CBDC Expert Group will serve as a crucial component in reinforcing Hong Kong's forefront position in CBDC research."



Mr Colin Pou, Executive Director (Financial Infrastructure) of the Hong Kong Monetary Authority (fourth from left, front row), signs Memorandums of Understanding with five local universities whose faculty members are participants of the Central Bank Digital Currency Expert Group.

The University of Hong Kong
School of Computing & Data Science



6248 BASc(FinTech)

Jointly offered by School of Computing and Data Science (Technology) & Faculty of Business & Economics (Finance), with strong support from Faculty of Law

Core Technologies:

- E-payment technology
- Blockchain technology
- Big-data analytics
- AI technologies
- Cyber security
- RegTech

We cover all



How technology can facilitate regulatory processes in Finance (Law + Tech + Finance) – unique in HKU



Curriculum Structure

	No. of Credits
University Requirements	
- Language Enhancement Courses	12
- Common Core Courses	24
- AI Literacy Courses	6
- Non-credit bearing courses as required by the University	0
BASc Core Courses	18
Major in Financial Technology	96
- Discipline Core Courses (54 credits)	
- Discipline Elective Courses (30 credits)	
- Capstone Experience (12 credits)	
Electives	84
Total:	240



Language Enhancement Courses – English Courses

CAES1001 Academic Communication in English

- Students who achieved Level 5 or above in English Language in HKDSE are exempted from taking this course
- For the list of equivalent qualifications, please refer to Division's first year student handbook 2025-26
- For non-local students with qualifications not listed in the aforesaid equivalent qualification list, you can apply the exemption by taking Academic Speaking and Writing test conducted by CAES.

CAES9542 Technical English for Computer Science

- 1st semester of Year 4



Language Enhancement Courses – Chinese Courses

Local Students: To be advised in Year 3

Putonghua-speaking Students:

CUND9001 / CUND9002 / CUND9003 / CUND9004

International Students:

“Chinese Language” CHIN9501 or CHIN9511 / “Chinese culture” CHIN9521 or CHIN9522

Please refer to Division’s first year student handbook 2025-26



Common Core Courses

Students are required to complete four courses **(24 credits)** in the Common Core Curriculum, comprising at least one course from any five different Areas of Inquiry with not more than 24 credits being selected within one academic year except where candidates are required to make up for failed credits.

There are five Areas of Inquiry (Aols):

- Scientific and Technological Literacy (course code: CCSTxxxx)
- Arts and Humanities (course code: CCHUxxxx)
- Global Issues (course code CCGLxxxx)
- China: Culture, State and Society (course code: CCCHxxxx)
- Artificial Intelligence (course code: CCAIxxxx)



UG5E1001 Introduction to the Constitution, the Basic Law and the National Security Law

- This is a non-credit bearing course which is required by the University under Regulation UG5(e) of the Regulations for First Degree Curricula as part of the graduation requirements for all current Full-time and Part-time Undergraduates.
- This online course is based on pre-recorded lectures (PRLs) and study materials which are prepared by the Faculty of Law. Students will adopt a self-directed learning approach.
- This course aims to provide a basic introduction of the Constitution, the Basic Law and the National Security Law. The supplementary materials provide students with an opportunity to examine the international perspective on the topics under study.
- Please click [here](#) to access the “[UG5E1001 Student Guide](#)” on instructions for access to the course. (Login to HKU Portal is required.)



Sample Study Plan for BASc(FinTech) [for 2025-26 intake]

		Semester 1		Semester 2	
Year 1 (63 cu)	Uni Requirements ^{&&} (15 cu) BASc Core (12 cu) FinTech (30 cu) Electives (6 cu)	BASC9001 COMP1117 FITE1010 ECON1210 CC CAES1001 # / AILT1001	Approaching Interdisciplinarity: Knowledge Beyond Disciplines Computer programming Introduction to financial technologies Introductory microeconomics University Common Core Academic Communication in English / AI Literacy I	SDST1016 FITE2000 ACCT1101 Free Elective / MATH1011** CC CAES1001 # / AILT1001	Data Science 101 Foundations of fintech programming Introduction to financial accounting Elective course in any disciplines / University mathematics I University Common Core Academic Communication in English / AI Literacy I
Year 2 (57 cu)	Uni Requirements ^{&&} (15 cu) BASc Core (6 cu) FinTech (24 cu) Electives (12 cu)	MATH1853 FT Elective Free Elective CC CC / AILTxxxx	Linear algebra, probability and statistics Elective course in FinTech Elective course in any disciplines University Common Core University Common Core / AI Literacy II	BASC9002 FINA1310 FITE2010 Free Elective CC / AILTxxxx	Interdisciplinary Leadership and Sustainable Development Corporate finance Distributed ledger and blockchain Elective course in any disciplines University Common Core / AI Literacy II
Year 3 (60 cu)	Uni Requirements ^{&&} (6 cu) FinTech (24 cu) Electives (30 cu)	LLAW3069 FT Elective Free Elective / xxxxxxxx Free Elective Free Elective	Regulation of financial markets Elective course in FinTech Elective course in any disciplines / Chinese for CDS students Elective course in any disciplines Elective course in any disciplines	FT Elective FT Elective Free Elective / xxxxxxxx Free Elective Free Elective	Elective course in FinTech Elective course in FinTech Elective course in any disciplines / Chinese for CDS students Elective course in any disciplines Elective course in any disciplines
Year 4 (60 cu)	Uni Requirements ^{&&} (6 cu) FinTech (18 cu) Electives (36 cu)	FITE4801 CAES9542 FT Elective Free Elective Free Elective	Project Technical English for computer science Elective course in FinTech Elective course in any disciplines Elective course in any disciplines	FITE4801 Free Elective Free Elective Free Elective Free Elective	Project Elective course in any disciplines Elective course in any disciplines Elective course in any disciplines Elective course in any disciplines

Unless otherwise exempted through having achieved Level 5 or above in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent.

** Students without DSE Extended Module 1 or 2 should take MATH1011 (as free elective) before taking MATH1853; for other qualifications, please refer to 2025-26 Student Handbook.

^{&&} UG5(e) requirement – Successful completion of any other non-credit bearing course(s) for fostering students' whole-person development



Progression and Discontinuation

Unless otherwise permitted by the Board of Studies, students will be recommended for discontinuation of their studies if:

- They fail to complete successfully 36 or more credits in two consecutive semesters (not including the summer semester), except where they are not required to take such a number of credits in the two given semesters; or
- They fail to achieve an average Semester GPA of 1.0 or higher for two consecutive semesters (not including the summer semester); or
- They have exceeded the maximum period of registration specified in the Regulations for the Degree of BASc(FinTech).



Academic Integrity

Plagiarism is a serious offence in the academic world. It constitutes academic theft – the offender has ‘stolen’ some intellectual property and presented it as his or her own. Plagiarism speaks to a person’s integrity and honesty, stifles creativity and originality, and defeats the fundamental purpose of education.

In this University, plagiarism is a disciplinary offence. Any student who commits the offence may face disciplinary action. It is the responsibility of all students at all levels to familiarize themselves with proper academic practice of writing, citation and referencing. For detailed information about plagiarism, please visit the website at <https://tl.hku.hk/plagiarism/>.



Disciplinary Matters

- The University upholds the highest standards of academic integrity
- Apart from plagiarism, cheating or misconduct by the student will be considered by the Disciplinary Committee
- The Committee will decide the penalty on each case, ranging from reprimand, suspension of studies or even expulsion from the University depending on the seriousness of the offence



Regulation and Syllabus for BASc(FinTech)

Please refer to the Regulation and Syllabus posted on the Division website at <https://www.csai.cds.hku.hk/>



FUTURE READINESS

fri.hku.hk

These two online courses are specifically designed to help year one students successfully transition to university life and provide you with the foundational skills needed to excel in your academic journey

** First year students have been pre-enrolled*



Preparation for University: Essentials for Success



Introduction to Research Methods

FUTURE READINESS

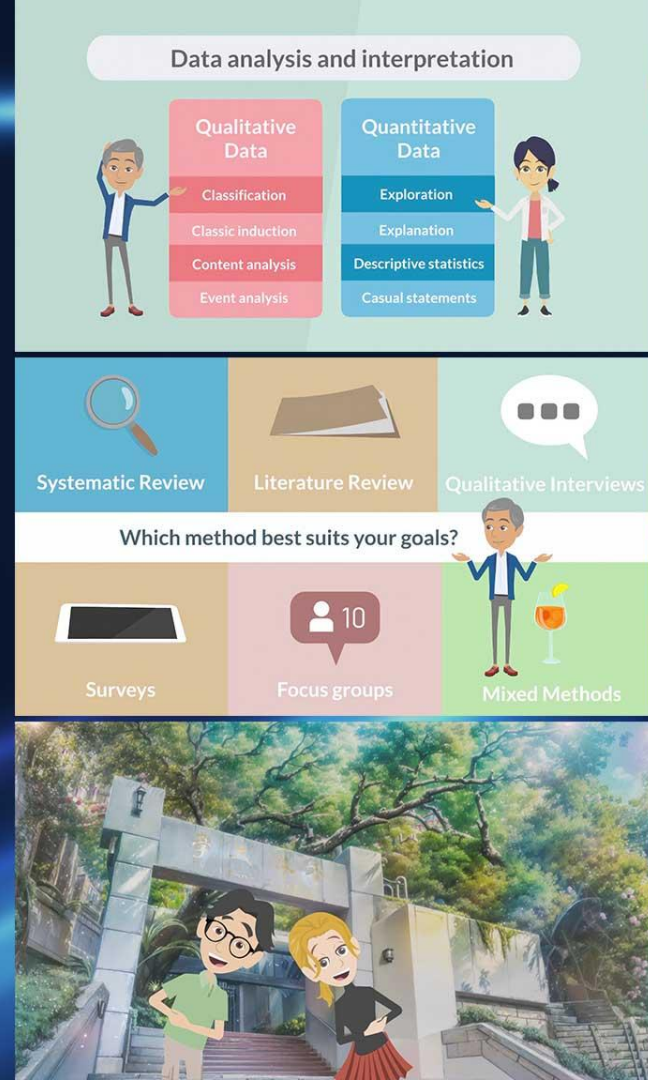
Completion of each course will earn you one out-of-classroom academic credit*

Bonus: if you complete both courses by the end of October, you will get a free HKU T-shirt

*Out-of-classroom academic credits are transcriptable credits in blocks of three as a recognition of out-of-classroom learning experiences; they do not count against the 240-credit graduation requirement for a normative four-year programme.



fri.hku.hk



Other Useful Information

Academic Advising and Scholarships Office

<https://aas.hku.hk/>

Academic Support and Examinations Section, Registry

<https://www.ase.hku.hk/>

CEDARS

<https://cedars.hku.hk>

Examinations Office

<https://www.exam.hku.hk/>

Information Technology Services & Student Information System

<https://www.its.hku.hk/>

University Health Service (UHS)

<https://www.uhs.hku.hk/>



Further Enquires

Programme Director of BASc(FinTech)



Prof. LIU, Qi

Assistant Professor

CB-401C

School Academic Advisor



**Dr. TAM,
Anthony T.C.**

Lecturer

CB-305



Thank you!

Contact us

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Tel: 3917-3146



SCHOOL OF
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DATA SCIENCE**
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