SCHOOL OF
COMPUTING &
DATA SCIENCE
The University of Hong Kong

Undergraduate Programmes 2027-2028



Where the best minds build what's NEXT

Future too bright?
Good. You're in the right place.



Undergraduate Programmes

6200 — *Hong Kong + Shanghai*

Computing and Data Science (Delta+)

- Bachelor of Engineering in Computer Science
- Bachelor of Engineering in Artificial Intelligence and Data Science

6999

Computing and Data Science

- Bachelor of Engineering in Computer Science
- Bachelor of Engineering in Artificial Intelligence and Data Science

6779

Statistical Decision Sciences

- Bachelor of Statistics:
  - Professional Core in Decision Analytics
  - Professional Core in Risk Management
  - Professional Core in Statistics

6729

Bachelor of Science in Actuarial Science

6248

Bachelor of Arts and Sciences in Financial Technology

6224

Bachelor of Arts and Sciences in Applied Artificial Intelligence

Vision and Mission

Established on 1 July 2024, the School of Computing and Data Science (CDS) at The University of Hong Kong advances world-class education and research across computer science, data science, artificial intelligence, statistical decision sciences, fintech, and actuarial science.

By creating a powerful synergy among these frontier disciplines, CDS is dedicated to cultivating future leaders with the foundational knowledge, technical mastery, and vision required to navigate and shape the evolving technological landscape.

Rank among the best:

QS World University Rankings by Subject 2026:

#18	#27	#32	#11
Data Science and Artificial Intelligence	Computer Science and Information Systems	Statistics and Operational Research	QS World University Rankings 2027
#1 in Hong Kong	#1 in Hong Kong	#2 in Hong Kong	

1 School, 2 Cities, 3 Departments

Shanghai



Hong Kong

- AI & Data Science
- Computer Science
- Statistics & Actuarial Science

6200 Computing and Data Science (Delta+)

2.5 years HONG KONG + 1.5 years SHANGHAI

6200 Delta+ is currently the only HKU undergraduate programme that offers students the opportunity to study in both Hong Kong and Shanghai. It integrates educational excellence and industrial resources from the Greater Bay Area and Yangtze River Delta.

Delta+ Fellowship

An exclusive fellowship package of up to HK$350,000 supporting studies in Hong Kong and Shanghai

HKU-Taught Curriculum

All courses offered in Shanghai are taught by HKU professors to ensure academic continuity and quality

Co-operative Placement

A six-month internship designed to immerse students in Shanghai's dynamic AI ecosystem

Tech Exposure

Bridge theory and industrial practice through real-world projects, tech company visits, and seminars with industry leaders in Shanghai

Master's Degree Engagement

Follow a streamlined path toward a master's degree in another year

CDS (Delta+) is available exclusively to students admitted directly to the 6200 programme. Internal transfers from other HKU programmes into 6200 CDS (Delta+) will not be accepted.











CDS (Shanghai) Facilities

The state-of-the-art teaching site features various modern facilities:

- Cutting-edge lecture halls and classrooms that support premium education
- Quiet study lounges and collaborative seminar rooms to empower research and academic discussion
- Modern athletic facilities, including premium indoor gym spaces, basketball courts, and tennis courts to promote a healthy and balanced student life

Industry Partnership

Students can experience Shanghai's dynamic, high-tech environment through exclusive company visits and internship opportunities.



ONE PROGRAMME TWO CITIES

Delta+ Fellowship

Every student admitted to the flagship 6200 CDS (Delta+) Programme will receive an exclusive fellowship package valued up to HK$350,000 to support their academic journey across Hong Kong and Shanghai:

- HK$50,000 ~ HK$200,000 Entrance Scholarship (1)
- HK$150,000 Delta+ Fellowship for studies in Shanghai (2)

Note:

1. Students admitted to the 2027 cohort who meet the prevailing award criteria may receive one of three Entrance Scholarships: a School Entrance Scholarship (HK$200,000), a Division Entrance Scholarship (HK$100,000), or a Programme Entrance Scholarship (HK$50,000).
2. Delta+ Fellowship (worth HK$150,000) covers accommodation, living allowances, and airfare subsidies during the study period in Shanghai in Year 3 and 4.

UP TO

HK$ 350,000

IN GUARANTEED SUPPORT

JUPAS Admissions Requirements

English Language	3
Chinese Language	3
Mathematics	3
Citizenship and Social Development	Attained
Elective Subjects	Level 3 in 2 subjects*

** Level 3 or above in one of the following subjects: Biology, Chemistry, Physics, Economics, or Information and Communication Technology; Level 3 or above in Mathematics Extended Part (Module 1 or 2) is preferred*

Scoring Formula:
Eng + Math + Best 3 Subjects#
#May include M1/M2

Non-JUPAS Admissions Requirements

IB	Lower Boundary: 38
GCE A-level / International A-level	2A*1A or better in the best three subjects
SAT / AP	Grade 5 in three AP subjects; and a superscore of 1400 or above in the SAT, or Grade 4 or above in two additional AP subjects

Messages from Delta+ Fellows



"I feel Shanghai is more technologically developed. I believe I can learn a lot more in Shanghai through internships, meeting tech giants, and actually working with them."

Chi Kin CHEUNG
HKDSE high scorer;
6200 Computing and Data Science (Delta+)

"CDS holds a bold and ambitious vision for the fields of computing and data science. Studying in Hong Kong gives me the tradition of HKU's deep academic history, whereas studying in Shanghai gives me industry exposure and the networks for the future."

Jiayue DUAN
IB top scorer;
6200 Computing and Data Science (Delta+)





"I chose this programme because it specifically allows me to interact with higher authorities, like CTOs and CEOs at Shanghai, and exposes me to another market, which otherwise may have been left unexplored if I was just confined to Hong Kong itself."

Shaurya AGARWAL
Indian Exam top scorer;
6200 Computing and Data Science (Delta+)

6999 Computing and Data Science

Offer the choices of two degree programmes:

1. **BEng(CompSc)**
2. **BEng(AI&DataSc)**

Common Admissions

Students can choose between the two programmes at the end of Year 1, with no quota restrictions:

Bachelor of Engineering in Computer Science [BEng(CompSc)]

- Big Data Analytics
- Cybersecurity
- Financial Computing
- System & Networking
- Theoretical Computing Science
- AI & Robotics

Bachelor of Engineering in Artificial Intelligence and Data Science [BEng(AI&DataSc)]

- Data Engineering
- Data Analytics
- Machine Learning Engineering
- Big Data Engineering
- Business Analytics
- Information Security Analytics

Professional Accreditation

BEng(CompSc) has been accredited by The Hong Kong Institution of Engineers (HKIE); and BEng(AI&DataSc) expects to seek HKIE accreditation in 2029.

HKIE THE HONG KONG INSTITUTION OF ENGINEERS 香港工程師學會

Promising Career Prospects

In many disciplines (e.g., healthcare, transportation, social care, law, e-commerce), it is increasingly important to discover new knowledge and insights from big data.

There is a shortage of professional data analysts in Hong Kong and the Greater Bay Area, even worldwide.

Career prospects of our graduates:

- Data engineer/architect
- Data scientist
- Data analyst
- Machine learning engineer
- Big data engineer
- Business analyst
- Information security analyst
- Professional computer forensic examiner
- Start up their own companies

And more ...



JUPAS Admissions Requirements

English Language	3
Chinese Language	3
Mathematics	3
Citizenship and Social Development	Attained
Elective Subjects	Level 3 in 2 subjects*

** Level 3 or above in one of the following subjects: Biology, Chemistry, Physics, Economics, or Information and Communication Technology; Level 3 or above in Mathematics Extended Part (Module 1 or 2) is preferred*

Scoring Formula:
Eng + Math + Best 3 Subjects#
#May include M1/M2

Non-JUPAS Admissions Requirements

IB	Lower Boundary: 38
GCE A-level / International A-level	2A*1A or better in the best three subjects
SAT / AP	Grade 5 in three AP subjects; and a superscore of 1400 or above in the SAT, or Grade 4 or above in two additional AP subjects

Entrance Scholarships

School of Computing and Data Science Entrance Scholarship
- HK$200,000

Computing and Data Science (6999) Entrance Scholarship
- HK$100,000

Tongcheng Travel Scholarship
- Up to HK$300,000

6779
Statistical Decision Sciences
[Bachelor of Statistics (BStat)]

In Statistical Decision Sciences, three specialised Professional Cores are offered under the degree Bachelor of Statistics (BStat), namely:

1. **Decision Analytics**
2. **Risk Management**
3. **Statistics**

Common Admissions

- Declare a choice of Professional Core after completing the first year of study
- Switch freely between Professional Cores thereafter, with no quota limits nor GPA requirement
- Have the completed Professional Core displayed on the transcript upon graduation

Decision Analytics
- High-performance analytics
- Statistical & computational methods
- Practical applications to different industries

Risk Management
- Quantitative analysis
- Investment & risk modelling
- Entrepreneurship

Statistics
- Statistical theory and methodology
- Forefront of multi-disciplinary research
- Foundations underpinning scientific endeavours

Accreditation

- Accredited by the Royal Statistical Society (RSS) in the UK
- Graduates from any one of the three Professional Cores are qualified to become a Graduate Statistician (GradStat) designated by RSS
- Meet the academic requirements of the RSS Data Analyst award upon passing designated courses

JUPAS Admissions Requirements

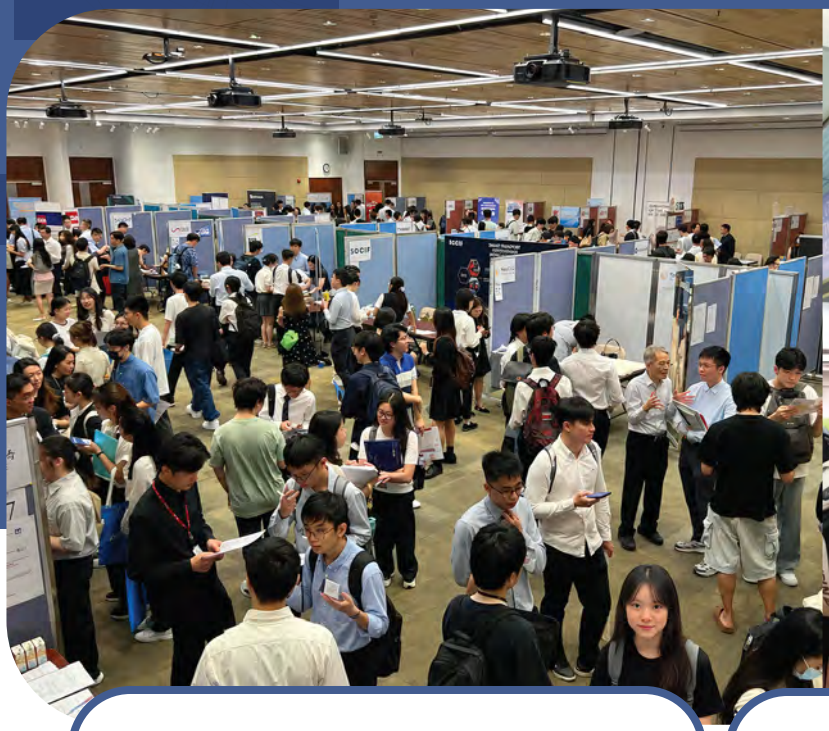
English Language	3
Chinese Language	3
Mathematics	4
Citizenship and Social Development	Attained
Elective Subjects	Level 3 in 2 Category A subjects#

Scoring Formula:
1.5 x Math + Best 4 Subjects#
#*May include M1/M2*

Non-JUPAS Admissions Requirements

IB	Lower Boundary: 39
Subject Requirements:	Grade 6 or above in HL Mathematics
GCE A-level / International A-level	2A*1A or above in the best three subjects
Subject Requirements:	Grade A in AL Mathematics or Further Mathematics or Pure Mathematics
SAT / AP	Grade 5 in three AP subjects; and a superscore of 1450 or above in the SAT, or Grade 4 or above in two additional AP subjects
Subject Requirements:	Grade 5 in Mathematics / Calculus BC

Accredited University ROYAL STATISTICAL SOCIETY DATA | EVIDENCE | DECISIONS





SAAS Professional Development (SAAS-PD)

- Career Advising Programme
- Career Fair
- Certificate Course in “Essential IT Skills”
- Corporate Mentorship Programme
- Internship / Job Online-Application System
- Professional Preparation Programme

Scholarships

- Dr Patrick S C Poon Scholarship in Statistics
- Ho Kam Chiu Lo Lai Ching Memorial Scholarship
- Saw Prize in Statistics
- Saw Swee Hock Statistics Scholarship
- Statistical Decision Sciences (6779) Entrance Scholarship
- Statistics and Actuarial Science (SAAS) Scholarships
- YF Life Scholarship in Actuarial Science and Risk Management

Rewarding Career Pathways

BSc Major*	Positions Held
Decision Analytics	Data Scientist, Data Analyst, Technology Consultant, Software Engineer, Big Data Analytics Modelling Analyst (Betting), Quantitative Research Analyst, etc.
Risk Management	Corporate Banking Analyst, Insurance Data Analyst, Business Control and Research Manager, Risk Management Officer, Investment Analyst, Statistical Officer, etc.
Statistics	Chief Health Statistician, Statistical Analyst, Financial Data Analyst, Global Data Analyst, Index Analyst, Global Supply Planning Data Analyst, Client Due Diligence Specialist, etc.

* Based on the HKU employment survey in 2024 on graduates of BSc major, predecessor of BStat Professional Core launched in 2025.

6729

Bachelor of Science in Actuarial Science

[BSc(ActuarSc)]





Comprehensive Programme and Flexible Curriculum

- The Best University for Actuarial Science in Asia according to EduRank 2024
- Prepares students for professional examinations at the Associateship level [Institute and Faculty of Actuaries (IFoA) in the UK and Casualty Actuarial Society and Society of Actuaries in North America]
- Students can freely choose to take any major or minor
- Industry collaboration: a new course is offered in collaboration with AIA Group and FIS ®. In this course, taught by experienced actuaries from AIA using the software Insurance Risk Suite, students will learn actuarial modelling skills through practical business case studies.

Recognition by Professional Bodies

- Our programme is the first in Asia and the only one in Hong Kong, accredited by the Institute and Faculty of Actuaries (IFoA) in the UK, and by the Actuarial Society of Hong Kong (ASHK)
- Graduates will be exempted from various professional examinations of the IFoA, the Society of Actuaries in North America, and the core paper of the ASHK Certificate Examination by meeting specified performance and requirements
- Offers courses with Validation by Educational Experience (VEE)
- The Department of Statistics & Actuarial Science has been designated a Centre of Actuarial Excellence (CAE) by the Society of Actuaries (SOA) in the US since 2011, and one of the inaugural group of 13 universities to join the SOA's University-Earned Credits (UEC) program

JUPAS Admissions Requirements

English Language	3
Chinese Language	3
Mathematics	4
Citizenship and Social Development	Attained
Elective Subjects	Level 4 in M1/M2; Level 3 in 1 Category A subject

Scoring Formula:
1.2 x Eng + 1.2 x Math +
1.2 x M1/M2 + Best 2 Subjects

Non-JUPAS Admissions Requirements

IB	Lower Boundary: 39
Subject Requirements:	Grade 6 or above in HL Mathematics
GCE A-level / International A-level	2A*1A or above in the best three subjects
Subject Requirements:	Grade A* in AL Mathematics and Further Mathematics
SAT / AP	Grade 5 in three AP subjects; and a superscore of 1450 or above in the SAT, or Grade 4 or above in two additional AP subjects
Subject Requirements:	Grade 5 in Mathematics / Calculus BC

Abundant Career Opportunities

Graduates develop their careers in major insurance and reinsurance companies, actuarial consulting firms and investment banks

AXA, PRUDENTIAL 保誠保險, Goldman Sachs, Deloitte., Manulife, HSBC Life, JPMorgan Chase & Co.

And more ...



SAAS Professional Development (SAAS-PD)

- Career Advising Programme
- Career Fair
- Certificate Course in “Essential IT Skills”
- Corporate Mentorship Programme
- Internship / Job Online-Application System
- Professional Preparation Programme

Scholarships

- Dr Patrick S C Poon Scholarship in Actuarial Science
- The Hong Kong Federation of Insurers Scholarship
- Statistics and Actuarial Science (SAAS) Scholarships
- YF Life Scholarship in Actuarial Science and Risk Management
- The Life Underwriters Association of Hong Kong Scholarship

6248
Bachelor of Arts and Sciences in Financial Technology
[BASc(FinTech)]



An interdisciplinary programme that combines subjects on computing, finance, and law

BASc
Bachelor of Arts & Sciences

Programme Highlights

- Interdisciplinary knowledge and skills
- FinTech focus with essential legal studies
- Enrichment and research opportunities
- Entrance scholarships in FinTech up to HK$80,000

Core Technologies Covered in Curriculum

- Artificial Intelligence and Machine Learning
- Big Data and Data Mining
- Cyber Security
- Distributed Ledger and Blockchain Technology
- E-payment and Crypto-Currency
- Mathematical Finance
- NLP and Text Analytics in Finance



Bright Employment Outlook

Broad career pathways including FinTech industry, finance industry, and IT industry

Examples of our graduates' career path:

- Blockchain developer
- Cybersecurity analyst
- Apps developer
- Compliance expert
- Researchers in the FinTech discipline

JUPAS Admissions Requirements

English Language	4
Chinese Language	3
Mathematics	3
Citizenship and Social Development	Attained
Elective Subjects	Level 3 in 2 subjects
Scoring Formula: Eng + Math + Best 3 Subjects# #*May include M1/M2*	

Non-JUPAS Admissions Requirements

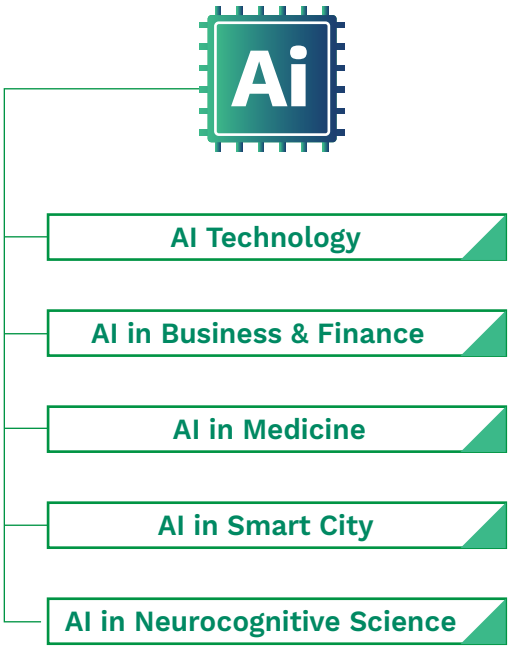
IB	Lower Boundary: 38
GCE A-level / International A-level	2A*1A or better in the best three subjects
SAT / AP	Grade 5 in three AP subjects; and a superscore of 1400 or above in the SAT, or Grade 4 or above in two additional AP subjects

6224
Bachelor of Arts and Sciences in Applied Artificial Intelligence
[BASc(AppliedAI)]

Formal academic training to elite students who wish to join the AI profession

BASc
Bachelor of
Arts & Sciences

Featured Concentrations



Programme Features

- Highlights diverse AI applications to help students develop intellectual capacity for meeting new challenges
- Emphasises problem-based learning with a wide range of courses: computer science, geography, mathematics, psychology, statistics and urban studies
- Delivers both fundamental and practical knowledge in the design and construction of intelligent systems to fit into different career settings
- Nurtures students to transfer interdisciplinary scientific knowledge into a range of integrated applications and technological innovations



JUPAS Admissions Requirements

English Language	4
Chinese Language	3
Mathematics	3
Citizenship and Social Development	Attained
Elective Subjects	Level 3 in 2 subjects*

** Level 3 or above in Mathematics Extended Part (Module 1 or 2) is preferred*

Scoring Formula:
Eng + Math + Best 3 Subjects#
#*May include M1/M2*

Non-JUPAS Admissions Requirements

IB	Lower Boundary: 38
GCE A-level / International A-level	2A*1A or better in the best three subjects
SAT / AP	Grade 5 in three AP subjects; and a superscore of 1400 or above in the SAT, or Grade 4 or above in two additional AP subjects

Career Support and Bright Employment Outlook

- Online job portal
- Connects the exploding demand of the AI market in different industries: environmental protection, medical informatics, health care, business, banking, finance, urban development, neurocognitive science, etc.


Scholarships,
Stories & Voices

Delta+ Fellowship

Every student admitted to the flagship 6200 CDS (Delta+) Programme will receive an exclusive fellowship package valued up to HK$350,000 to support their academic journey across Hong Kong and Shanghai:

- HK$50,000 ~ HK$200,000 Entrance Scholarship (1)
- HK$150,000 Delta+ Fellowship for studies in Shanghai (2)

Note:

1. Students admitted to the 2027 cohort who meet the prevailing award criteria may receive one of three Entrance Scholarships: a School Entrance Scholarship (HK$200,000), a Division Entrance Scholarship (HK$100,000), or a Programme Entrance Scholarship (HK$50,000).
2. Delta+ Fellowship (worth HK$150,000) covers accommodation, living allowances, and airfare subsidies during the study period in Shanghai in Year 3 and 4.

CDS Entrance Scholarships

CDS offers up to HK$200,000 in Entrance Scholarships to support outstanding students admitted to specific undergraduate programmes. Eligible students will be automatically considered, no application is required.

The scholarship information below pertains to the 2026 admissions, while details for the 2027 admissions are subject to modification.

Scholarship	Applicable Programmes	Scholarship Value
School of Computing and Data Science Entrance Scholarship (1)	• Computing and Data Science (Delta+) [6200] • Computing and Data Science [6999] • BASc(FinTech) [6248] • BASc(AppliedAI) [6224] • BSc(ActuarSc) [6729] • Statistical Decision Sciences [6779]	**HK$200,000**
Computing and Data Science Entrance Scholarship	• Computing and Data Science (Delta+) [6200] • Computing and Data Science [6999]	**HK$100,000**
Statistical Decision Sciences (6779) Entrance Scholarship (2)	Statistical Decision Sciences [6779]	**Up to HK$100,000**
Statistics and Actuarial Science (SAAS) Scholarship (2)	BSc(ActuarSc) [6729]	**Up to HK$100,000**

Notes:

1. *To avoid duplication of benefits, concurrent holder of any CDS Entrance Scholarship is prohibited, with no impact to university entrance scholarship.*
2. *Shortlisted candidates may be invited to attend a scholarship interview, and the interview performance may be considered as part of the selection criteria.*

Other Scholarship Opportunities

The scholarship information below pertains to the 2026 admissions, while details for the 2027 admissions are subject to modification.

Name of Scholarship	Amount per award ($HK)	Max. Number of Awards per annum	Details and Eligibility
Tongcheng Travel Scholarship	Up to HK$300,000	6	Up to six scholarships shall be awarded annually to first-year students in BASc(AppliedAI), BEng(AI&DataSc) and BEng(CompSc) programmes, based on academic performance in prevailing public examinations for admissions to the University. The award values for local and non-local students are HK$80,000 and HK$300,000 (per awardee) respectively.
HKU-SCF Scholarship in Financial Technology	Up to HK$80,000	6	Up to six entrance scholarships valued at HK$80,000 each are offered exclusively to local students admitted to the BASc(FinTech) programme with outstanding academic performance. The full scholarships shall be offered subject to satisfactory academic performance being maintained during the normative period of study.
Dr Patrick S C Poon Scholarship in Actuarial Science	Up to HK$60,000	5	Five awards shall be awarded annually to first-year BSc(ActuarSc) students newly admitted through JUPAS with the most outstanding entrance record. Each scholarship is valued at HK$50,000, whilst an additional HK$10,000 will be awarded to successful candidates who have achieved Level 5** in HKDSE English Language or who require expedient financial assistance during their studies. The scholarship is renewable based on satisfactory performance in each year of study.

Student & Alumni Voices



“I've always been interested in computer science, and especially in the cybersecurity aspects of it. My expectation for university studies is that I want to acquire those skill sets by the time I graduate, and I am also expecting some research opportunities related to the field.”

Taehoon KIM
IB high scorer; 6999 Computing and Data Science

“I chose this program because of its professional core in Decision Analytics, which lies at the heart of modern data science. I’m absolutely fascinated by how data can lead to pragmatic decisions in businesses and technology. I believe this specialization will give me the analytical skills and technical knowledge I need to become a successful data scientist in the future."

Galina CHAKHEEVA
2025-2026 entry; 6779 Statistical Decision Sciences (Professional Core in Decision Analytics)





“HKU Department of Statistics and Actuarial Science (SAAS) was extremely supportive in my career development. I was able to participate in mentorship programmes and secured internships through the various career oriented programmes organized by the department, and was even allowed an opportunity to serve as a tutor in a course to share my insights and experience with other students, allowing me to also develop my own abilities along the way. Furthermore, through the department’s numerous well placed partnerships, I was also fortunate to be supported financially by various scholarship opportunities, which provided me with the financial freedom to pursue my academic goals at will."

Ching Yu LAM (Marco)
2022 graduate; 6729 Bachelor of Science in Actuarial Science

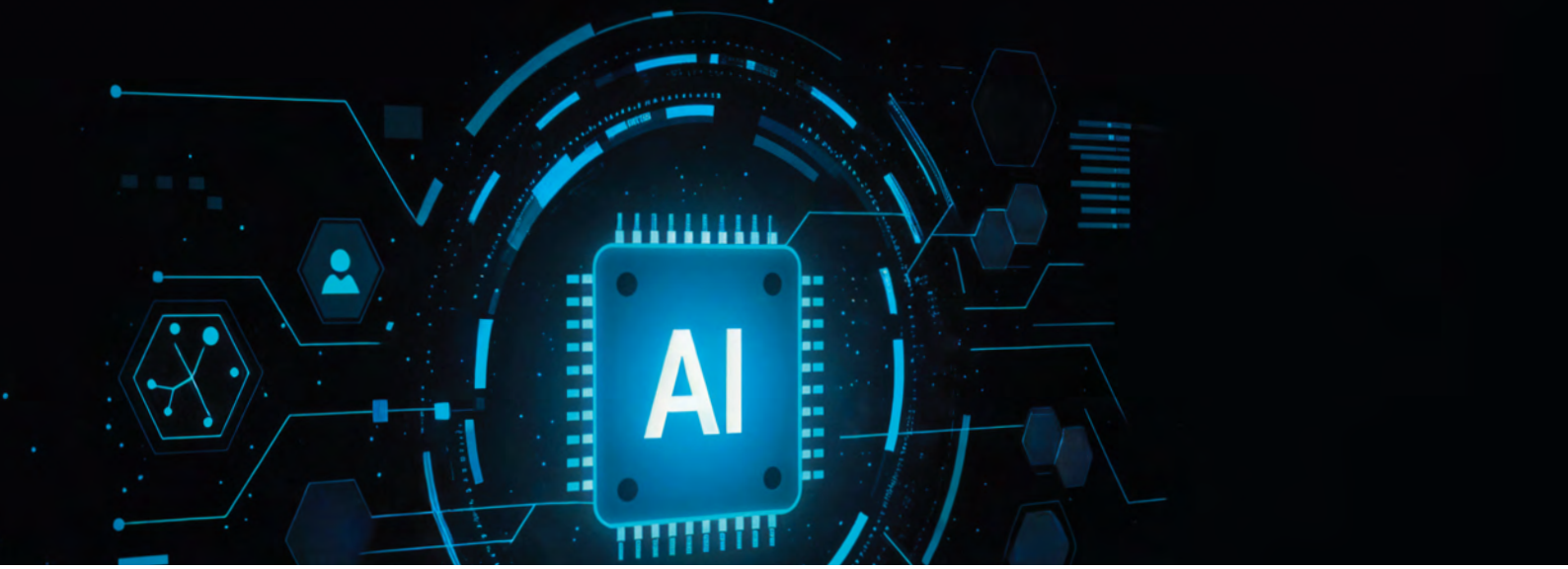
“Hong Kong has been a major international financial center and an increasingly important fintech hub, so studying fintech here gives you the opportunity to be surrounded by the industry you are learning about. For me, that combination of an interdisciplinary programme and being in the center of such a dynamic financial environment was one of the biggest reasons I chose CDS.”

Daria KRASILEVA
IB student; 6248 Bachelor of Arts and Sciences in Financial Technology



HKU ARTS

SCHOOL OF COMPUTING & DATA SCIENCE
The University of Hong Kong



Jointly offered by the School of Computing and Data Science and the Faculty of Arts

6298

Bachelor of Arts and Bachelor of Engineering in Artificial Intelligence and Data Science

The BA&BEng(AI&DataSc) is a 5-year double degree programme that integrates engineering and computer science with humanities.

For details, you may visit https://ug.arts.hku.hk/aihum

SCHOOL OF
COMPUTING &
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