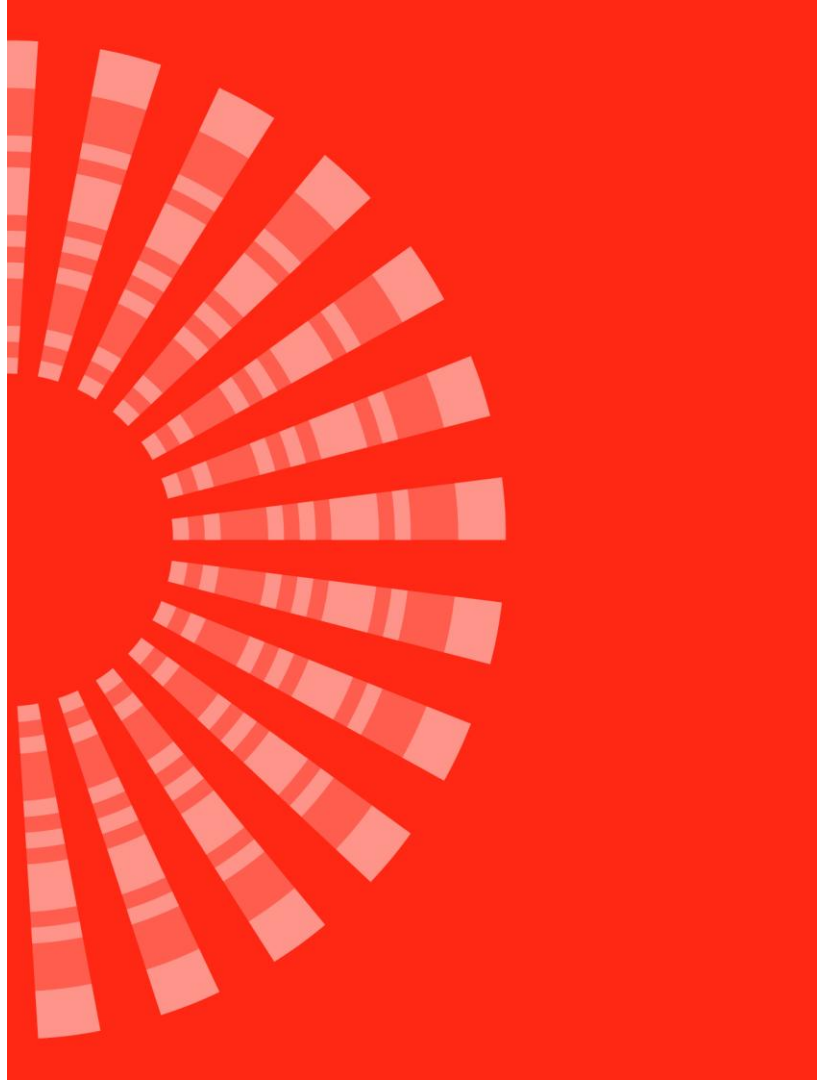# Bachelor of Arts and Sciences in Financial Technology [BASc(FinTech)]

2025-26 Enrollment and Induction Talk
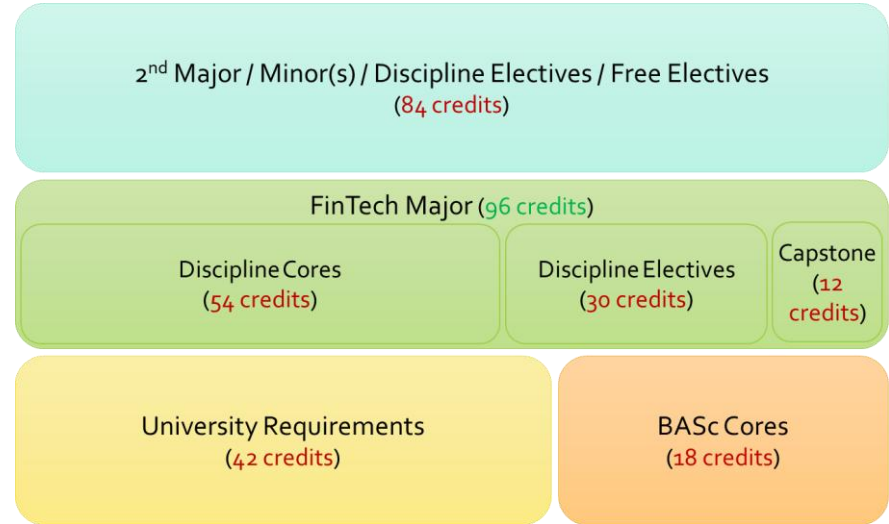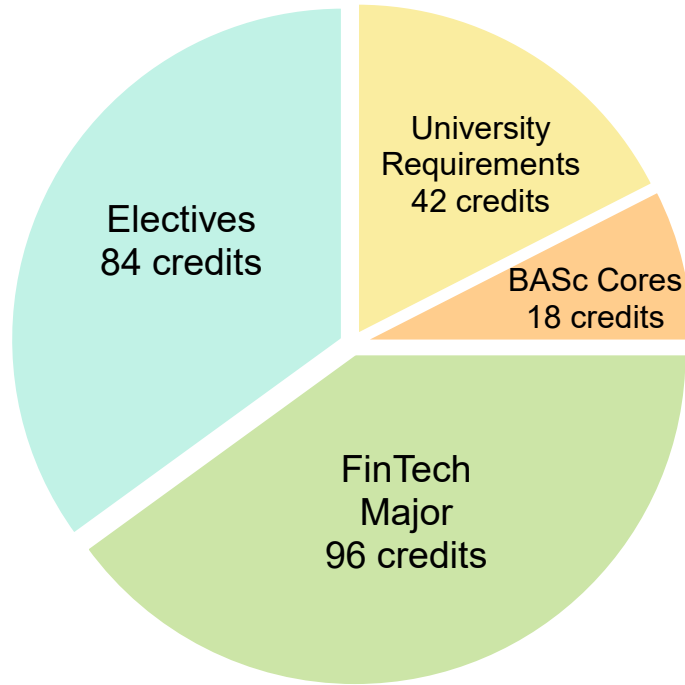
18 August, 2025

The University of Hong Kong
School of Computing & Data Science

BASc(FinTech) Curriculum Structure

Pie chart:
- Electives 84 credits
- University Requirements 42 credits
- BASc Cores 18 credits
- FinTech Major 96 credits

Block diagram:
- 2nd Major / Minor(s) / Discipline Electives / Free Electives (84 credits)
- FinTech Major (96 credits)
  - Discipline Cores (54 credits)
  - Discipline Electives (30 credits)
  - Capstone (12 credits)
- University Requirements (42 credits)
- BASc Cores (18 credits)

FinTech Major

Disciplinary Core Courses (54 credits)

- Five Technology and Math subjects
- Three Business subjects
- One Legal subject

Disciplinary Elective Courses (30 credits)

- Legal subject
- Technology and Business subjects
  - Machine learning, Cyber Security, Deep learning, Big data, Crypto-currency, Mathematical finance, Derivatives, ….

Capstone Course (12 credits)

- Final year project

	No. of Credits
University Requirements	
- Language Enhancement Courses	12
- Common Core Courses	24
- Artificial Intelligence Literacy Courses	6
- Non-credit bearing courses as required by the University	0

- **UG5E1001 Introduction to the Constitution, the Basic Law and the National Security Law**
  - A **non-credit** bearing course
  - An online course that adopts a self-directed learning approach
  - Students can take this course in **any semester** throughout their period of study (the latest is the last semester before graduation)
  - Further details about the course, please visit the follow site:

    https://www.cedars.hku.hk/ge/ug5e1001.html

University Requirements

Chinese course

- <u>Local students</u> - To be advised (probably will take the course in <mark>Year 3</mark>)
- <u>Putonghua-speaking students</u> - should take CUND9001 / CUND9002 / CUND 9003 / CUND 9004 instead (recommend in <mark>Year 1</mark>)
- <u>International students</u> - require to take a course in either
  - Chinese language CHIN9501 / CHIN9511; OR
  - Chinese culture CHIN9521 / CHIN9522
- Please refer to page 7 of the 2025-26 Students' Handbook

Common Core courses - total 4 courses

- At most one course from each Area of Inquiry
  - (i) Science, Technology and Big Data (course code: CCSTxxxx)
  - (ii) Arts & Humanities (course code: CCHUxxxx)
  - (iii) Global Issues (course code CCGLxxxx)
  - (iv) China: Culture, State and Society (course code: CCCHxxxx)
  - (v) Artificial Intelligence (course code: CCAIxxxx)

University Requirements

English courses

- **CAES1001 Academic Communication in English (non-credit)**
  - 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 page 5 of the 2025-26 Students' Handbook
  - 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 (6 credits)**
  - 1st semester of **Year 4** (together with the Capstone FYP course)

University Requirements

Artificial Intelligence (AI) literacy courses

- **AILT1001 Artificial Intelligence Literacy I (3 credits)**
  - Should take the course in the **1st year** (will offer in both semesters)
  - **All undergraduate students** admitted from 2025-26 onwards are required to take AILT1001
    - Provide students with the skills and knowledge needed to understand AI concepts, interact with AI systems, and critically evaluate their impact

- **AILTxxxx Artificial Intelligence Literacy II (3 credits)**
  - Students under School of Computing and Data Science will take the course in the **2nd year** (will offer in both semesters)
    - Each Faculty/School has their own AI Literacy II course.

BASc Cores

- Total three courses
  - A requirement for all BASc students.

- **BASC9001** Approaching Interdisciplinarity: Knowledge Beyond Disciplines - <mark>Year 1 first semester</mark>

- **SDST1016** Data Science 101 - <mark>Year 1 second semester</mark>

- **BASC9002** Interdisciplinary Leadership and Sustainable Development - <mark>Year 2 2nd semester</mark>

Year 1 Enrollment

Normal loading: 5 courses (30 credits) in each semester

- **1st Semester**
  - BASc core
    - **BASC9001 Approaching Interdisciplinarity: Knowledge Beyond Disciplines**
  - One common core course
  - FinTech cores
    - **COMP1117 Computer programming**
    - **FITE1010 Introduction to financial technologies**
    - ECON1210 Introductory microeconomics

  - AILT1001 / CAES1001

- **2nd Semester**
  - BASc core
    - **SDST1016 Data Science 101**
  - One common core course
  - FinTech cores
    - **FITE2000 Foundations of fintech programming**
    - ACCT1101 Introduction to financial accounting
  - A free elective course
    - Or MATH1011 University Math I for students without DSE M1/M2
  - AILT1001 / CAES1001

To satisfy the prerequisite requirement of MATH1853. For other qualifications, please refer to page 8 of the Students' Handbook.

Recommended Subclasses

- **1st Semester**
  - ECON1210 Introductory microeconomics
    - ECON1210-1A [Mon: 09:00 – 10:50, Thu: 15:00 – 15:50]
    - ECON1210-1C [Mon: 15:00 – 15:50, Wed: 09:00 – 10:50]

- **2nd Semester**
  - ACCT1101 Introduction to financial accounting
    - ACCT1101-2V [Mon: 11:00 – 12:50, Thu: 13:00 – 13:50]
    - ACCT1101-2W [Tue: 10:00 – 11:50, Fri: 12:00 – 12:50]

FBE will release the unused quotas reserved for FinTech students by Sept 4.

2ⁿᵈ Major / Minor

- Numerous choices: https://aas.hku.hk/list-of-major/, https://aas.hku.hk/list-of-minor/

- May have admission prerequisite/study restriction

- Download and study the syllabus of the Major or Minor programme
  - Understand the syllabus
    - How many core courses? When are they being offered?
  - Observe the pre-requisite requirements and restrictions
  - Beware of the timetable issue

- Recommend consult the corresponding Temporary Academic Advisor(s) of the offering department/faculty before making your course selection

The University of Hong Kong
School of Computing & Data Science

Sample Study Plans

- BASc(FinTech) Academic Advising Page:
  https://www.cs.hku.hk/programmes/basc-fintech/academic-advising

  - BASc(FinTech)

  - BASc(FinTech) with 2nd Major in Computer Science
  - BASc(FinTech) with 2nd Major in Finance

  - BASc(FinTech) with Minor in Computer Science

- The samples serve as illustrative purpose. Beware of the pre-requisite and time-tabling issues. Students who opt for a 2nd Major or Minor are responsible for planning for their own course of studies.

FAQs Related to 2nd Major / Minors

- When should I start taking courses?
  - Taking a 2nd Major or double minors:
    - Better start taking courses in 1st year

  - For Minor, can start at 2nd year

- When do I have to register for the option?
  - If you opt for Major / Minor(s), you can declare it after completion of the first-year study

- Can I change from a Major to a Minor?
  - In principle, yes

  - Most of the Introductory courses for the Major and Minor are similar or the same.

  - You can make changes to the declaration of Minor or Major during the Course enrollment and ADD/DROP period

Further Enquires

- Programme Director – Prof. Qi Liu
  Phone: 2559 8447
  Email: liuqi@cs.hku.hk
  Office: Rm401C, Chow Yei Ching Building

- School Academic Advisor – Dr. Anthony Tam
  Phone: 3917 7073
  Email: atctam@cs.hku.hk
  Office: Rm305, Chow Yei Ching Building

- Regulations and Syllabus for the degree of BASc(FinTech)
  - https://www.csai.cds.hku.hk/

- BASc(FinTech) Web site:
  - https://www.cs.hku.hk/programmes/basc-fintech

- For general enquiries, please contact CS Division Office
  - Office: Rm207, Chow Yei Ching Building
    Email: fin6248@hku.hk

- For course enrollment, please contact
  - enggugtl@hku.hk

- First Year Experience Website
  - https://firstyear.hku.hk/

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Enrollment of Courses

- Course Selection Periods (Appendix I of the Students' Handbook)
  - Course Selection Period (for semesters 1 and 2)
    - Start: August 19 10:00
    - End: August 25, 16:00

  - Add/Drop Period
    - 1st semester
      - Start: Sept 1 10:00, End: Sept 15 16:00
    - 2nd semester
      - Start: Jan 19 10:00, End: Feb 2 16:00

https://www.csai.cds.hku.hk/

- Download the Handbook for First Year Students 2025-26

- Download Regulations and Syllabuses

- Study Plans for 2025-26 intake

- Application forms for Applied AI programme

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School of Computing & Data Science

FUTURE READINESS

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 HKU T-shirt/campus store coupon

*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

Thank you!

Contact us

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