

2022-23 BASc(FinTech) Enrolment and Induction Talk

Dr. Anthony Tam
Academic Advisor

香港大學計算機科學系



THE UNIVERSITY OF HONG KONG

DEPARTMENT OF
COMPUTER SCIENCE

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- [https://i.cs.hku.hk/~atctam/Advisory/2022-23/2022-BASc\(FinTech\)InductionTalk.pdf](https://i.cs.hku.hk/~atctam/Advisory/2022-23/2022-BASc(FinTech)InductionTalk.pdf)



Download Students' Handbook

- Download the Handbook for First Year Students 2022-23
 - (Prepared by the Faculty Office of Engineering)

<https://engg.hku.hk/Teaching-Learning/BEng-BASc/Academic-Advising-Orientation-for-Freshmen>

Handbook for Freshmen

- Handbook for First Year Students
BEng/BEng(BME)/BEng(DS&E)/BEng(EngSc)/BASc(FinTech)/BEng&BEng(BME) and BBA 2022-23

Frequently Asked Questions (FAQs)

University Education Aims (UEAs)

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

- Alongside the content knowledge students gain from their studies, HKU aims to ensure that students graduate with a defined skill set
 - Aim 1: Pursuit of **academic/professional excellence**, critical **intellectual inquiry** and **life-long learning**
 - Aim 2: **Tackling** novel situations and ill-defined **problems**
 - Aim 3: Critical **self-reflection**, greater **understanding of others**, and **upholding** personal and professional **ethics**
 - Aim 4: Intercultural communication, and **global citizenship**
 - Aim 5: **Communication and collaboration**
 - Aim 6: Leadership and advocacy for the **improvement of the human condition**

Programme Learning Outcomes (PLOs)

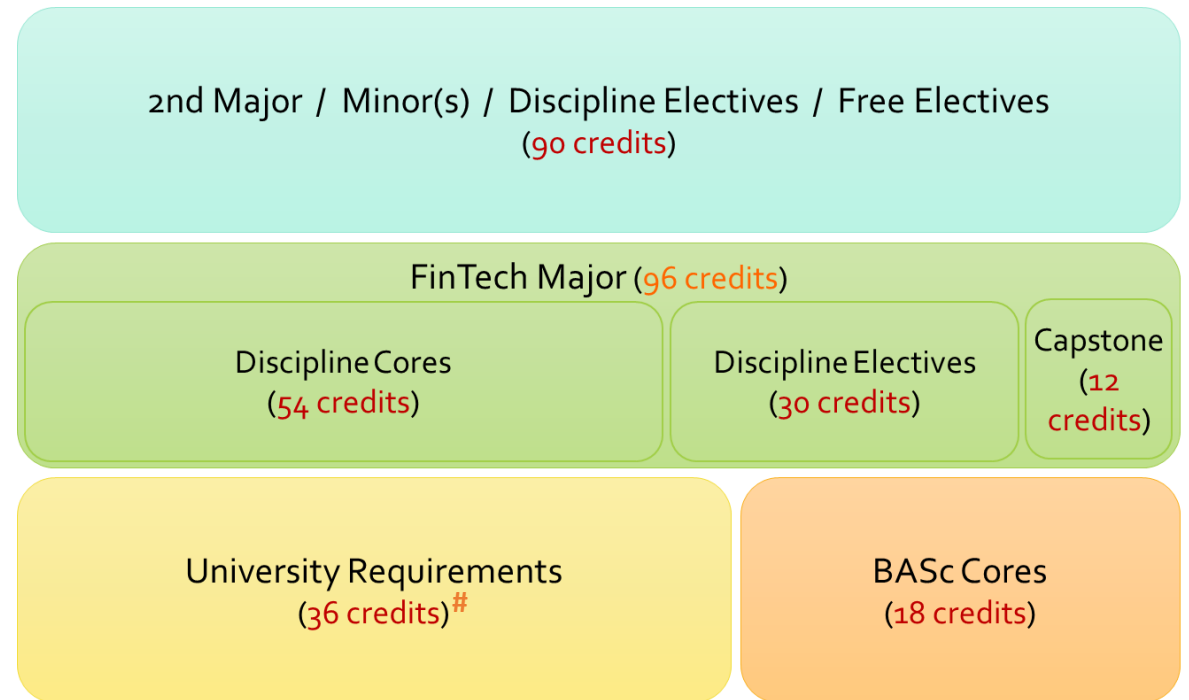
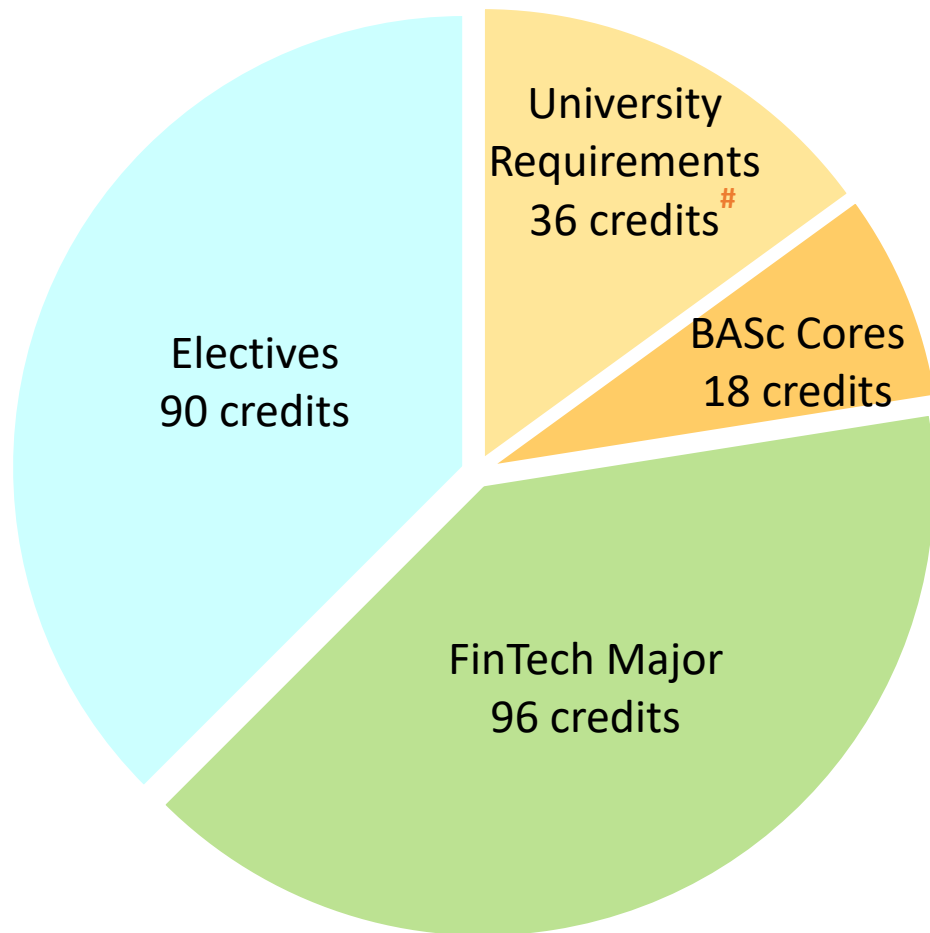
Upon successful completion of the curriculum, students should be able to:

| | |
|--------------|--|
| PLO a | apply knowledge of computing technologies to finance applications appropriate to the programme outcomes and to the discipline |
| PLO b | apply knowledge of computing technologies to the abstraction and conceptualization of financial applications |
| PLO c | analyze financial problems, and identify and define the computing technologies appropriate to its solution |
| PLO d | design, implement, and evaluate a computer-based system, process, component, or programme to solve financial applications with appropriate consideration for public health and safety, social and environmental considerations |
| PLO e | function effectively on teams to accomplish a common goal |
| PLO f | demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities |
| PLO g | communicate effectively with a range of audiences |
| PLO h | analyze the local and global impact of financial technology on individuals, organizations, and society |
| PLO i | recognize the need for and an ability to engage in continuing professional development |
| PLO j | use current techniques, skills, and tools necessary for computing practice to solve financial problems with an understanding of the limitations |

Relationship of BASc(FinTech) PLOs to HKU UEAs

| HKU Educational Aims | Programme Learning Outcomes |
|---|--|
| Pursuit of academic professional excellence, critical intellectual enquiry and life-long learning | PLO a PLO b PLO c PLO d PLO i PLO j |
| Tackling novel situations and ill-defined problems | PLO c PLO j |
| Critical self-reflection, greater understanding of others, and upholding personal and professional ethics | PLO f PLO h |
| Intercultural understanding and global citizenship | PLO f PLO g PLO h |
| Communication and collaboration | PLO e PLO g |
| Leadership and advocacy for the improvement of the human condition | PLO d PLO e PLO h |

BASc(FinTech) Programme Structure



University Requirements

- **Chinese course - CENG9001 Practical Chinese for Engineering students**
 - Local students - Take the course at Year 3
 - Putonghua-speaking students - should take CUND9002 or CUND9003 instead (recommend at Year 1)
 - International students - can apply for exemption for CENG9001
 - (i) either take a credit-bearing Cantonese or Putonghua language course for international students; OR
 - (ii) take an elective course in lieu
 - Please refer to **page 8** of the 2022-23 Students' Handbook
- **Common Core courses - total 4 courses**
 - 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)

University Requirements

- **English course** - CAES9542 Technical English for computer science
 - 1st semester at Year 4 (together with the Capstone FYP course)
- **# English course** – CAES1000 Core University English
 - The syllabus of the FinTech programme does not include this course.
 - Students with HKDSE English level 5 or above (or equivalent) are exempted from taking CAES1000.
 - For the list of equivalent qualifications, please refer to **page 6** of the Students' Handbook.
 - Students without DSE level 5 or above (or equivalent), they **are required** to take CAES1000 as supplementary credits and **complete 246 credits** for graduation.
 - You are required to take the course at Year 1

University Requirements

- UG5E1001 Introduction to the Constitution, the Basic Law and the National Security Law
 - A non-credit bearing course
 - An online course that will adopt a self-directed learning approach
 - Students can take this course in any semester throughout their period of study
 - Further details about the course will be available after September 1, 2022

BASc Cores

- Total three courses
 - A requirement for all BASc students.
 - **STAT1005** Essential skills for undergraduates: foundations of data science - Year 1 first semester
 - **BASC9001** Foundations of human knowledge - Year 1 second semester
 - **DESN9002** Sustainable Leadership - Year 2 first semester

1st Year Enrolment

• 1st Semester

- BAsC core
 - **STAT1005 Essential skills for undergraduates: foundations of data sci**
- One common core course
- FinTech cores
 - **ENGG1330 Computer programming I**
 - **FITE1010 Introduction to financial technologies**
 - **ECON1210 Introductory microeconomics**
- Core university English (*only for students who do not have DSE English level 5 or above or equivalent*)

• 2nd Semester

- BAsC core
 - **BASC9001 Foundations of human knowledge**
- 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

To satisfy the prerequisite requirement of MATH1853. For other qualifications, please refer to **page 9** of the Students' Handbook.

Recommended Subclasses

• 1st Semester

- ENGG1330 Computer programming I
 - Lecture: Thur 10:30 - 12:20
 - Labs:
 - ENGG1330A (1B1, 1B2, 1B3) [Mon: 12:30 – 14:20]
 - ENGG1330A (1H1, 1H2, 1H3) [Thur: 13:30 – 15:20]
- ECON1210 Introductory microeconomics
 - ECON1210A [Tue: 12:30 – 13:20, Fri: 12:30 – 14:20]
 - ECON1210H [Fri: 09:30 – 12:20]

• 2nd Semester

- ACCT1101 Introduction to financial accounting
 - ACCT1101T [Tue: 10:30 – 12:20, Fri: 11:30 – 12:20]
 - ACCT1101W [Fri: 09:30 – 12:20]

FBE will release the unused quotas reserved for FinTech students by 12:00 noon, second day of the add/drop period (Sept 2).

Majors / Minors

- Numerous choices: <https://aao.hku.hk/list-of-major/>,
<https://aao.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 Advisor(s) of the offering department/faculty before making your course selection

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 Entrepreneurship Design and Innovation
 - 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

- BAsC(FinTech) programme
 - Programme Director – Dr. K. P. Chow
 - Phone: 2859 2191
 - Email: chow@cs.hku.hk
 - Office: Rm408, Chow Yei Ching Building
 - Academic Advisor – Dr. Anthony Tam (First Year Advisor)
 - Phone: 2859 7073
 - Email: atctam@cs.hku.hk
 - Office: Rm305, Chow Yei Ching Building
 - First Year Advisor – Dr. John Yuen
 - Phone: 2859 7070
 - Email: thyuen@cs.hku.hk
 - Office: Rm306, Chow Yei Ching Building
- Regulations and Syllabus for the degree of BAsC(FinTech)
 - <https://engg.hku.hk/Teaching-Learning/BEng-BAsC/Academic-Programmes/Regulations-Syllabuses>
- BAsC(FinTech) Web site:
 - <https://www.cs.hku.hk/fintech-home>
- For enrollment issues and general enquiries, please contact CS General Office
 - Office: Rm301, Chow Yei Ching Building
 - Email: enroll@cs.hku.hk
- First Year Experience Website
 - <https://www.fye.hku.hk/>

1st Semester Course Selection

- First Semester Course Selection Periods ([Appendix I](#) of Students' Handbook)
 - Course Selection Period
 - Start: August 19 10:00
 - End: August 25, 16:00
 - Add/Drop Period
 - Start: Sept 1 10:00
 - End: Sept 15 16:00

2022-23 Timetables (Yr1 FinTech)

- www.cs.hku.hk → Intranet → Timetable

The image shows a screenshot of the HKU CS Intranet website. The top header features the University of Hong Kong logo and the text "THE UNIVERSITY OF HONG KONG DEPARTMENT OF COMPUTER SCIENCE". A red circle highlights the "Intranet" link in the top right corner, next to "Search" and "LOGIN". Below the header is a navigation menu with items: HOME, ABOUT US, PEOPLE, TEACHING & LEARNING, RESEARCH, NEWS & EVENTS, and ABOUT THE STUDENTS. The main content area displays a banner image of two students wearing masks. Below the banner are links for "Print Friendly", "Email to others", and "Bookmark". The main heading is "CS Timetables", followed by a list of courses:

- Undergraduate courses
 - BEng(CompSc)
 - [2022-23 Semester 1](#)
 - [2022-23 Semester 2](#)
 - BAsC(FinTech)
 - [2022-23 Year 1 Semester 1](#)
 - [2022-23 Year 1 Semester 2](#)
- MSc(CompSc) courses
 - [2021-22 Semester 1](#)
- MSc(ESCom&IComp) courses

In the bottom left corner, there is a login form titled "HKU CS INTRANET" with fields for "Login name: atctam" and "Password: *****", and a "Login" button. Below the login form are links for "New Student", "Timetable", "Mail (Staff)", and "Forgot your password". A red circle highlights the "Timetable" link. At the bottom of the login form, it says "Best viewed with IE 5.0+, Netscape 7.0+ and Firefox 1.0+ @1024 x 768 or higher."

Coming Events

- **FACULTY INDUCTION TALK**

- Date: August 22, 2022 (Monday)
Time: 10:00 – 12:00
Venue: Grand Hall
Format: Face-to-face

- **Inauguration Ceremony** is the University's formal welcome to all first-year students at which they will meet the principal officers and senior academics of the University

- Date: Wednesday, August 31, 2022
Time: 10:00 – 11:00
Venue: Grand Hall
<https://www.cedars.hku.hk/inaugurationceremony>

- Faculty event - Promoting Student Enrichment Activities

- Date: August 31, 2021 (Wednesday)
Time: 11:30 - 13:00
Venue: Innovation Wing

UG Communication Groups

- Signal and/or WeChat communication groups
 - A pair of Signal and WeChat groups is created each year for each programme under the CS department
 - e.g., "HKU BAsc(FinTech) Yr 1, 2026 grad"
 - By joining the group(s), allow you to communicate easily with other Fintech students with the same expected graduation year and share programme-related matters/information
- The department will invite you to join these comm groups near early September.



Questions & Answers

