

2023-24 BASc(FinTech) Enrolment and Induction Talk

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THE UNIVERSITY OF HONG KONG

DEPARTMENT OF
COMPUTER SCIENCE

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Download Students' Handbook

- Download the Handbook for First Year Students 2023-24
 - (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 2023-24

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)

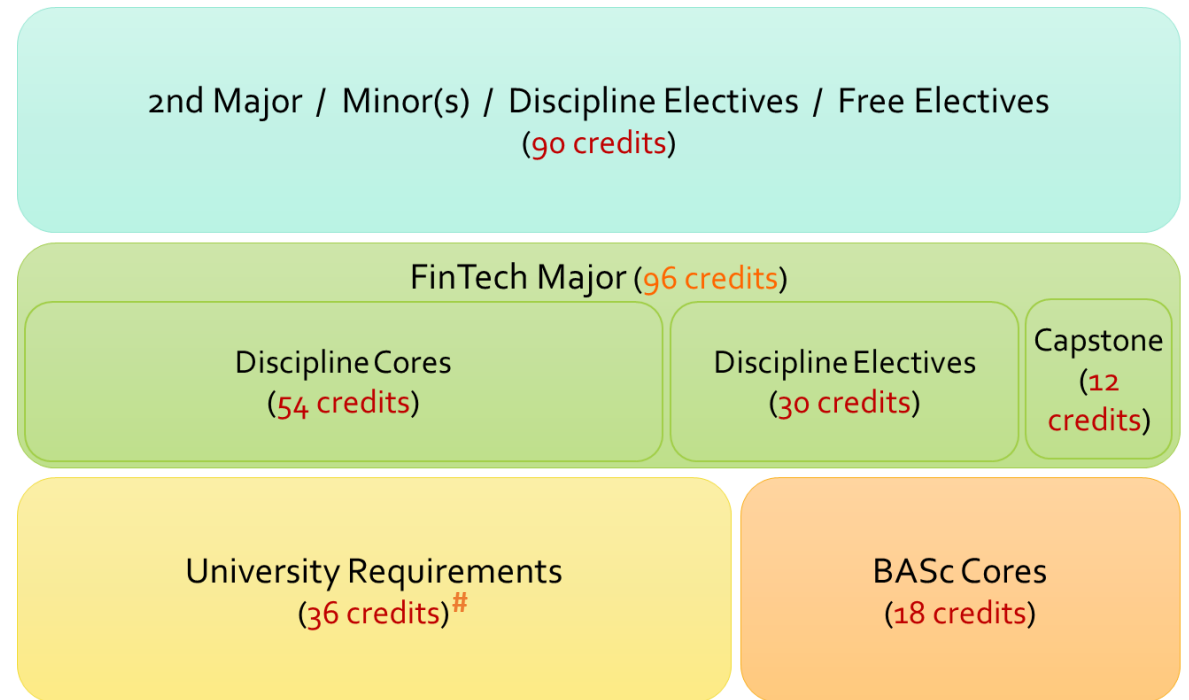
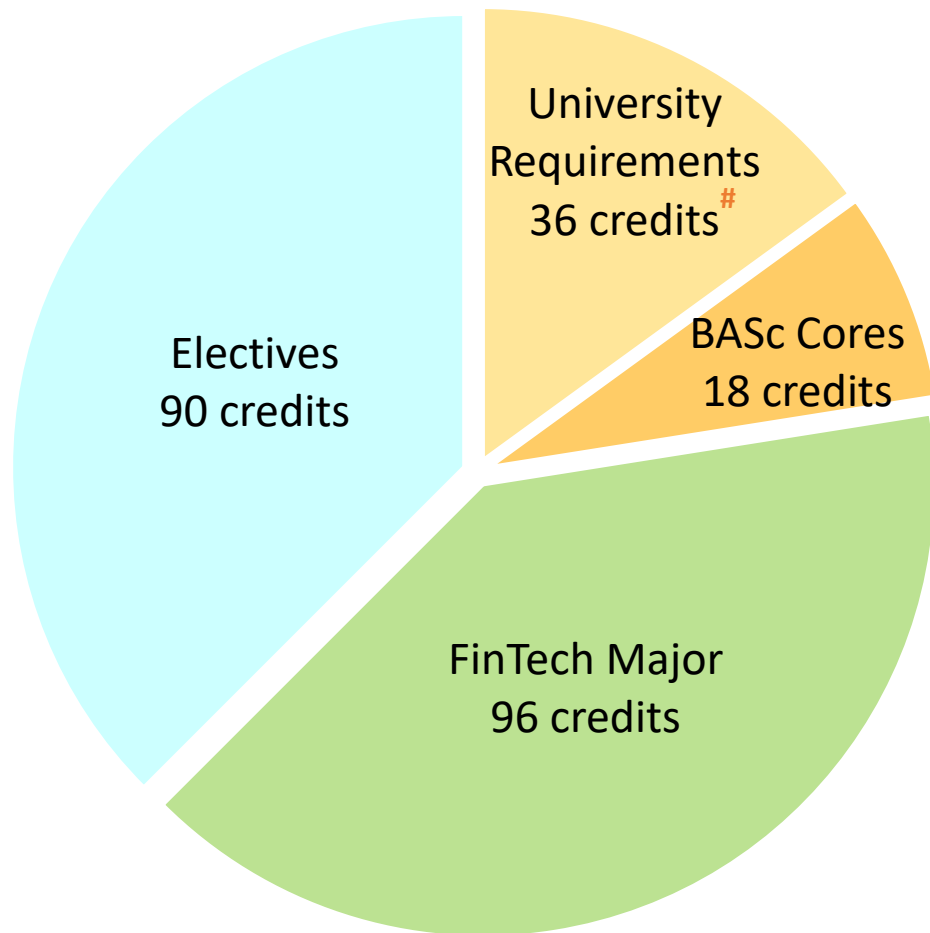
Upon successful completion of the curriculum, students should be able to:

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 2023-24 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
 - This course is not in the syllabus of the FinTech programme.
 - 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.
 - Please also take note of the notification on **page 7**.
 - 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**
 - Please take note of the information on **page 7** for the enrollment arrangement.

University Requirements

- 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
 - Further details about the course, please visit the follow site:

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

BASc Cores

- Total three courses
 - A requirement for all BASc students.
 - **BASC9001** Approaching Interdisciplinarity: Knowledge Beyond Disciplines - Year 1 first semester
 - **STAT1016** Data Science 101 - Year 1 second semester
 - **DESN9002** Sustainable Leadership - Year 2 first semester

Normal loading: 5 courses in each semester

1st Year Enrolment

• 1st Semester

- BAsC core
 - **BASC9001 Approaching Interdisciplinarity: Knowledge Beyond Disciplines**
- 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
 - **STAT1016 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

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 (1H1, 1H2, 1H3) [Thur: 13:30 – 15:20]
 - ENGG1330A (1K1, 1K2, 1K3) [Fri: 12:30 – 14:20]
- ECON1210 Introductory microeconomics
 - ECON1210G [Mon: 09:30 – 12:20]
 - ECON1210H [Mon: 14:30 – 17:20]

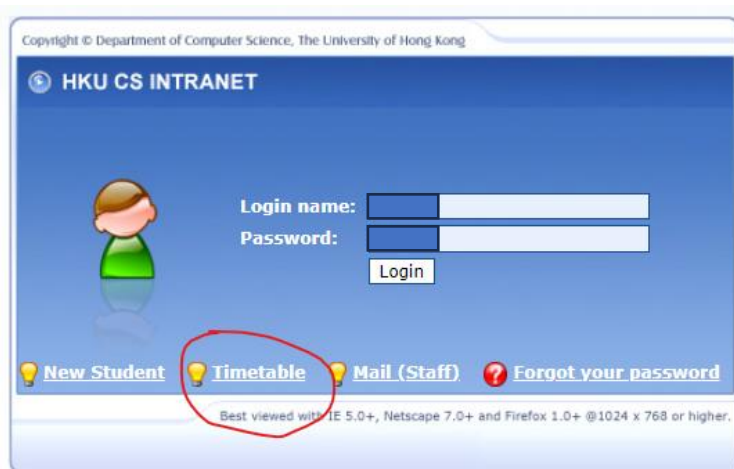
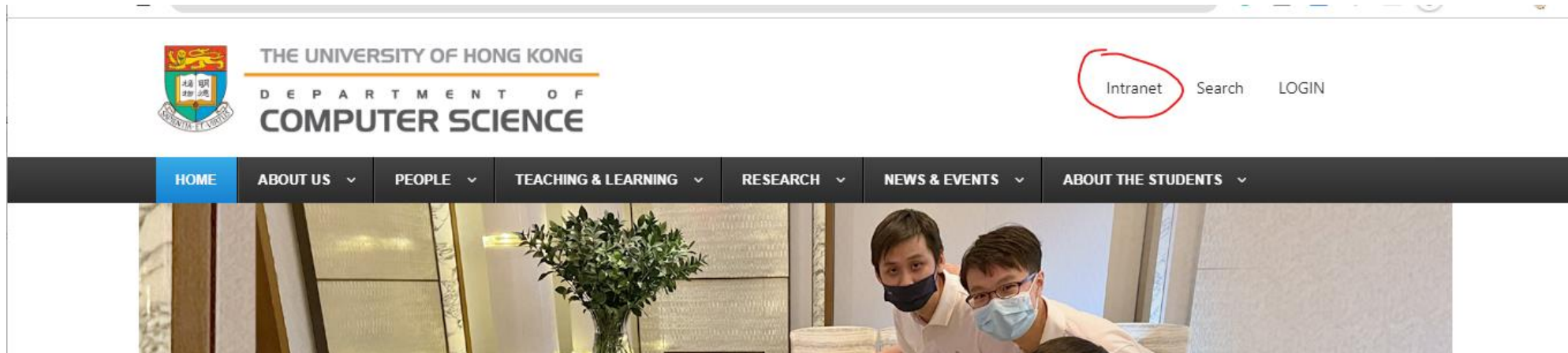
• 2nd Semester

- ACCT1101 Introduction to financial accounting
 - ACCT1101R [Mon: 11:30 – 12:20, Thu: 10:30 – 12:20]
 - ACCT1101S [Mon: 14:30 – 15:20, Thu: 13:30 – 15:20]

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

2023-24 Timetables (Yr1 FinTech)

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



CS Timetables

- Undergraduate courses
 - BEng(CompSc)
 - [2022-23 Semester 1](#)
 - [2022-23 Semester 2](#)
 - BAsc(FinTech)
 - [2023-24 Year 1 Semester 1](#)
 - [2023-24 Year 1 Semester 2](#)
 - BEng(DS&E)
 - [2023-24 Semester 1](#)
 - [2023-24 Semester 2](#)

MSc courses

Majors / Minors

- 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 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. Qi Liu
 - Phone: 2559 8447
 - Email: liuqi@cs.hku.hk
 - Office: Rm401C, 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/>

Enrollment of Courses

- Course Selection Periods (**Appendix I** of Students' Handbook)
 - Course Selection Period (for semesters 1 and 2)
 - Start: August 17 10:00
 - End: August 24, 16:00
 - Add/Drop Period
 - 1st semester
 - Start: Aug 31 10:00, End: Sept 14 16:00
 - 2nd semester
 - Start: Jan 15 10:00, End: Jan 29 16:00

Coming Events

- **FACULTY INDUCTION TALK**

- Date: **August 18, 2023** (Friday)
Time: 09:30 – 11:30
Venue: Grand Hall
Format: Face-to-face

- **BASc Programme Induction Talk**

- Date: **August 18, 2023** (Friday)
Time: 12:00 – 13:30
Venue: Rayson Huang Theatre
Format: Face-to-face

Coming Events

- **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 30, 2023
Time: 10:00 – 11:00
Venue: Grand Hall
<https://www.cedars.hku.hk/inaugurationceremony>
- Faculty event - Promoting Student Enrichment Activities
 - Date: August 30, 2023 (Wednesday)
Time: 11:30 - 13:30
Venue: Innovation Wing



Questions & Answers

