Induction Day for 6901 BSc Students

BSc Curriculum and Course Selection

Dr Francis C C Ling
Associate Dean (Student Affairs)
August 9, 2019

Welcome to Faculty of Science!

Faculty of Science
**The University of Hong Kong**

Overview

- 6901 BSc Curriculum & Graduation Requirements
- Academic Advising System
- Course Selection
- Experiential Learning
- Articulation Pathways (New)
- Plagiarism
- Disciplinary Issues
- Inclusive Language in Academic Work
- Regulations on Discontinuation

6901 BSc Curriculum & Graduation Requirements

Curriculum Structure of the BSc Degree (240 Credits)

Faculty of Science
The University of Hong Kong
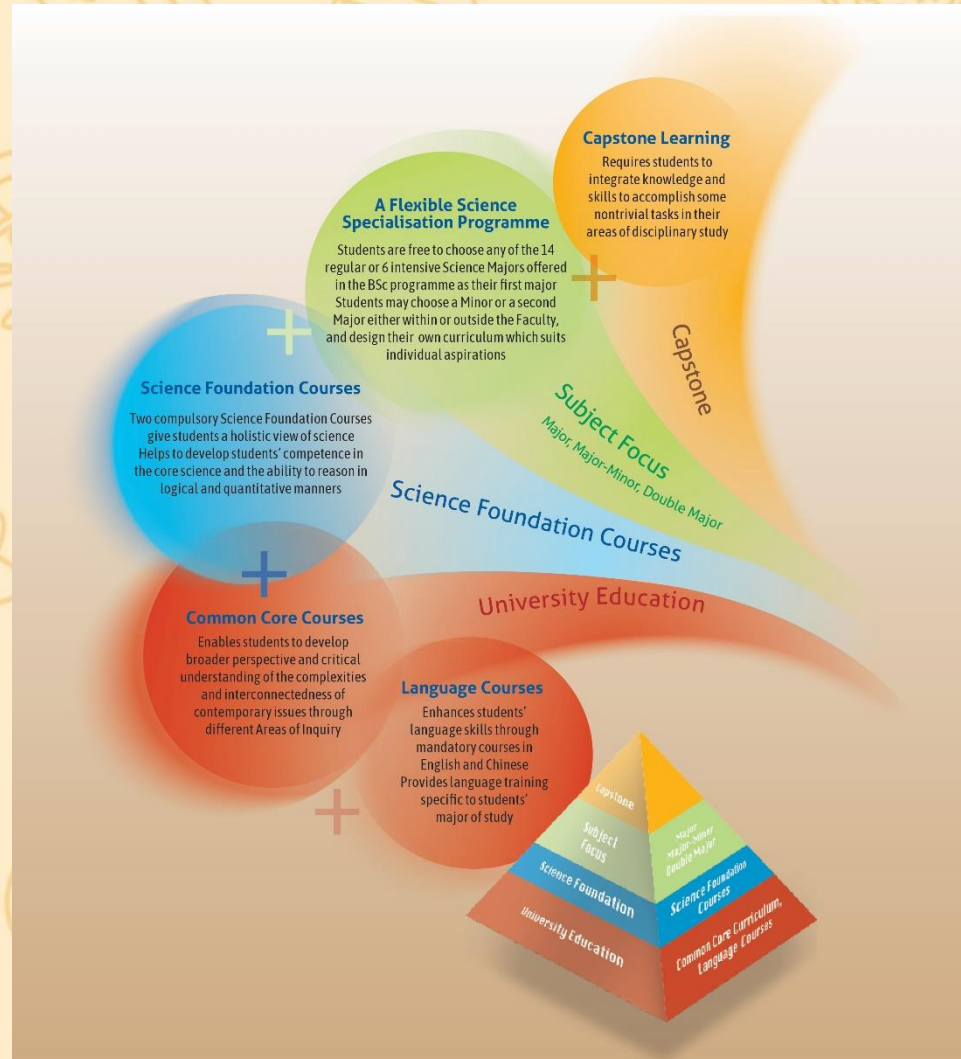
Science Majors

Students admitted to the first year of the 6901 BSc programme in the academic year of 2019-20 and thereafter can choose any of the following **14 regular or 6 intensive** Science majors as **primary Science major**

- Biochemistry
- Biological Sciences
- Chemistry
- Chemistry (Intensive)
- Decision Analytics
- Earth System Science
- Ecology & Biodiversity
- Ecology & Biodiversity (Intensive)
- Environmental Science
- Food & Nutritional Science

- Geology
- Geology (Intensive)
- Mathematics
- Mathematics (Intensive)
- Molecular Biology & Biotechnology
- Molecular Biology & Biotechnology (Intensive)
- Physics
- Physics (Intensive)
- Risk Management
- Statistics

Faculty of Science
The University of Hong Kong

Science Minors

18 Science minors

- Actuarial Studies
- Astronomy
- Biochemistry
- Chemistry
- Computational & Financial Mathematics
- Earth Sciences
- Ecology & Biodiversity
- Environmental Science
- Food & Nutritional Science

- Marine Biology
- Mathematics
- Molecular Biology & Biotechnology
- Operations Research & Mathematical Programming
- Physics
- Plant Science
- Risk Management
- Science Entrepreneurship
- Statistics

**Faculty of Science
The University of Hong Kong**

Minors and 2nd Majors Available for BSc Students

- **2nd Majors***
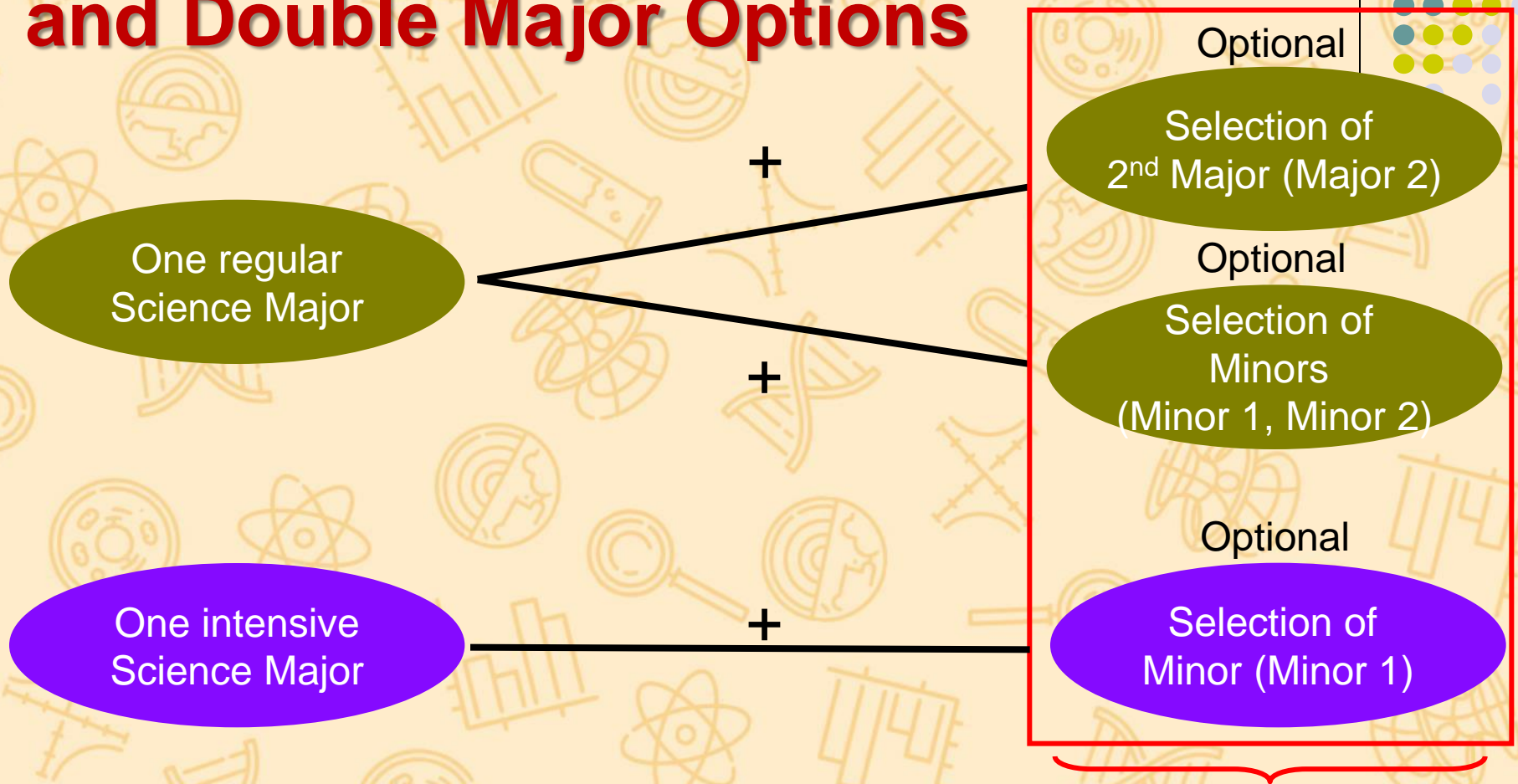 - Science
  - Arts
  - Business & Economics
  - Engineering
  - Social Sciences

- **Minors**
  - Science
  - Architecture
  - Arts
  - Business & Economics
  - Education
  - Engineering
  - Medicine
  - Social Sciences

*__Non-Science major__ can only be taken as the 2nd major. Some non-Science majors/minors may require a minimum academic result before you are allowed to enroll in them.

Major-Minor and Double Major Options

One regular Science Major

+

Optional

Selection of 2nd Major (Major 2)

Optional

Selection of Minors (Minor 1, Minor 2)

+

One intensive Science Major

+

Optional

Selection of Minor (Minor 1)

Science or non-Science disciplines*
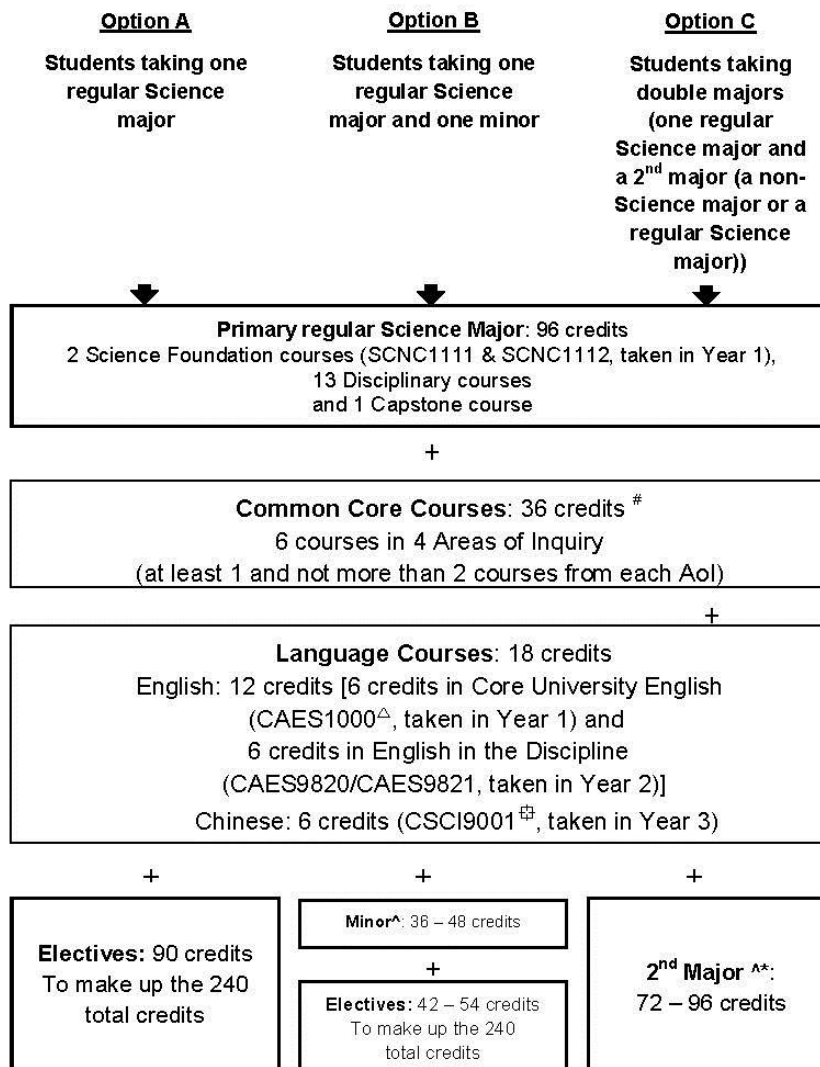
* **Quota** & **timetabling restrictions** **may apply. Some non-Science majors/minors may require a minimum academic result before you are allowed to enroll in them.**

BSc Curriculum Requirements

Curriculum requirements (240 credits)

Option A

Students taking one regular Science major

Option B

Students taking one regular Science major and one minor

Option C

Students taking double majors (one regular Science major and a 2nd major (a non-Science major or a regular Science major))

Primary regular Science Major: 96 credits
2 Science Foundation courses (SCNC1111 & SCNC1112, taken in Year 1),
13 Disciplinary courses
and 1 Capstone course

+

Common Core Courses: 36 credits #
6 courses in 4 Areas of Inquiry
(at least 1 and not more than 2 courses from each AoI)

+

Language Courses: 18 credits
English: 12 credits [6 credits in Core University English
(CAES1000△, taken in Year 1) and
6 credits in English in the Discipline
(CAES9820/CAES9821, taken in Year 2)]
Chinese: 6 credits (CSCI9001⊕, taken in Year 3)

+   +   +

Electives: 90 credits
To make up the 240 total credits

Minor^: 36 – 48 credits

+

Electives: 42 – 54 credits
To make up the 240 total credits

2nd Major ^*:
72 – 96 credits

Faculty of Science
University of Hong Kong

BSc Curriculum Requirements (cont.)

Curriculum requirements (240 credits)

Option D

Students taking an intensive Science major

Option E

Students taking an intensive Science major and a minor

Primary intensive Science Major^: 144 - 150 credits
2 Science Foundation courses (SCNC1111 & SCNC1112, taken in Year 1), 21 - 22 Disciplinary courses and 1 - 2 Capstone course(s)

+

Common Core Courses: 36 credits [#]
6 courses in 4 Areas of Inquiry
(at least 1 and not more than 2 courses from each AoI)

+

Language Courses: 18 credits
English: 12 credits [6 credits in Core University English (CAES1000[△], taken in Year 1) and 6 credits in English in the Discipline (CAES9820/CAES9821, taken in Year 2)]
Chinese: 6 credits (CSCI9001[⌗], taken in Year 3)

+

Electives:
36 - 42 credits
To make up the 240 total credits

+

Minor^: 36 – 48 credits

+

Electives: 0 – 6 credits
To make up the 240 total credits

11

Example of BSc Programme Structure by Year of Study

Yr 4	Cap-stone	Major	Major	Major	Major	Major	Intensive Major	Intensive Major	(Intensive Major)	
Yr 3	CC	CC	Chi	Major	Major	Major	Intensive Major	Intensive Major	Intensive Major	
Yr 2	CC	CC	Eng 2	Major	Major	Major	Intensive Major	Intensive Major		
Yr 1	CC	CC	Eng 1	SF1	SF2	Major	Major	Intensive Major		

CC – Common Core Courses
SF – Science Foundation Courses
Chi – Chinese

Eng 1 – Core University English
Eng 2 – English in the Discipline

Note: Different distributions of courses over the years are possible. Blank boxes can be used for elective courses, or courses leading to a minor or a 2nd major (Major 2).

Common Core Curriculum

- The Common Core Curriculum is designed to **provide key common learning experience** for all HKU students and **to broaden their horizons** beyond their chosen disciplinary fields of study.

- It focuses on issues that have been, and continue to be, of deeply profound significance to mankind, the core intellectual skills that all HKU undergraduates should acquire and the core values that they should uphold.

- The Common Core Curriculum is divided into four Areas of Inquiry (AoIs):
  - (1) Scientific and Technological Literacy;
  - (2) Humanities;
  - (3) Global Issues; and
  - (4) China: Culture, State and Society.

- Students have to pass **36 credits** of courses in the Common Core Curriculum. They should select *at least one and not more than two courses* from each Area of Inquiry with not more than 24 credits of courses being selected within one academic year except where candidates are required to make up for failed credits.

- Common Core courses should be completed normally within the first three years of the BSc study and cannot be extra taken as free electives.

Capstone Requirement

- Capstone experience is an integral part of the major/programme which focuses on integration and application of knowledge and skills gained in the early years of study.

- Student must complete capstone experience for fulfillment of the graduation requirement.

- Capstone course carries a minimum of 6 credits and is normally taken in the senior years (Year 3 or 4) of study.

- The earliest that students are allowed to take a capstone course is their Year 3 study, after the completion of **at least 24 credits of advanced level disciplinary core/elective courses in the major (disciplinary core/elective courses in the major)** *(Please refer to the individual capstone course for the pre-requisites)*.

- The capstone courses in each Science major may be different but a range of courses (e.g. internship, seminar, field work, capstone project, research project) is offered to suit individual student's needs and interests.

List of Capstone Courses by Major

Major/Programme	Recognized Capstone Courses (for 2019 cohort)
1. Biochemistry	1. BIOC3999 Directed studies in biochemistry (6) 2. BIOC4966 Biochemistry internship (6) 3. BIOC4999 Biochemistry project (12)
2. Biological Sciences	1. BIOL3994 Directed studies in biological sciences (6) 2. BIOL4964 Biological sciences internship (6) 3. BIOL4994 Biological sciences project (12)
3. Chemistry	1. CHEM3999 Directed studies in chemistry (6) 2. CHEM4910 Chemistry literacy and research (6) 3. CHEM4911 Capstone experience for chemistry undergraduates: HKUtopia (6) 4. CHEM4966 Chemistry internship (6) 5. CHEM4999 Chemistry project (12)
4. Chemistry (Intensive) *(for 2015 cohort and thereafter)*	1. CHEM3999 Directed studies in chemistry (6) 2. CHEM4966 Chemistry internship (6) 3. CHEM4999 Chemistry project (12)
5. Earth System Science	1. EASC4911 Earth system: contemporary issues (6)

Faculty of Science
The University of Hong Kong

List of Capstone Courses by Major (cont.)

Major/Programme	Recognized Capstone Courses (for 2019 cohort)
6. Ecology & Biodiversity	1. BIOL4991 Ecology & biodiversity project (12)
7. Ecology & Biodiversity (Intensive) *(for 2015 cohort and thereafter)*	1. BIOL3991 Directed studies in ecology & biodiversity (6) 2. BIOL4911 Conservation science in practice (6) 3. BIOL4991 Ecology & biodiversity project (12)
8. Environmental Science	1. ENVS3999 Directed studies in environmental science (6) 2. ENVS4966 Environmental science internship (6) 3. ENVS4999 Environmental science project (12)
9. Food & Nutritional Science	1. BIOL3992 Directed studies in food & nutritional science (6) 2. BIOL4922 Food product development and evaluation (6) 3. BIOL4962 Food & nutritional science internship (6) 4. BIOL4992 Food & nutritional science project (12)
10. Geology 11. Geology (Intensive) *(for 2015 cohort and thereafter)*	1. EASC4955 Integrated field studies (6)
12. Mathematics 13. Mathematics (Intensive) *(for 2016 cohort and thereafter)*	1. MATH3999 Directed studies in mathematics (6) 2. MATH4910 Senior mathematics seminar (6) 3. MATH4911 Mathematics capstone project (6) 4. MATH4966 Mathematics internship (6) 5. MATH4999 Mathematics project (12)

Faculty of Science
The University of Hong Kong

List of Capstone Courses by Major (cont.)

Major/Programme	Recognized Capstone Courses (for 2019 cohort)
14. Molecular Biology & Biotechnology	1. BIOL3993 Directed studies in molecular biology & biotechnology (6) 2. BIOL4963 Molecular biology & biotechnology internship (6) 3. BIOL4993 Molecular biology & biotechnology project (12)
15. Molecular Biology & Biotechnology (Intensive) *(for 2015 cohort and thereafter)*	1. BIOL4993 Molecular biology & biotechnology project (12)
16. Physics 17. Physics (Intensive) *(for 2016 cohort and thereafter)*	1. PHYS3999 Directed studies in physics (6) 2. PHYS4966 Physics internship (6) 3. PHYS4999 Physics project (12)
18. Decision Analytics 19. Risk Management 20. Statistics	1. STAT3799 Directed studies in statistics (6) 2. STAT4710 Capstone experience for statistics undergraduates (6) 3. STAT4766 Statistics internship (6) 4. STAT4799 Statistics project (12)

Faculty of Science
The University of Hong Kong

List of Capstone Courses by Major (cont.)

Major/Programme	Recognized Capstone Courses (for 2019 cohort)
BSc(ActuarSc)	1. STAT4711 Capstone experience for actuarial science undergraduates (6) 2. STAT4767 Actuarial science internship (6) 3. STAT4798 Statistics and actuarial science Project (6)
BASc(AppliedAI)	1. APAI3799 Directed studies in Applied AI (6) 2. APAI4766 Applied AI internship (6) 3. APAI4798 Applied AI project (6)

FAQs on capstone requirement can be found in the Faculty website at https://www.scifac.hku.hk/f/page/4788/10863/FAQs_on_Capstone_Requirement.pdf.

Faculty of Science
The University of Hong Kong

Students Taking Double Majors, Major-Minor or Double Minors with Overlapping Course Requirements

- General Principle
  - Double-counting of courses up to a maximum of 24 credits is permissible with double majors. The double-counted courses in both Science majors must include SCNC1111 and SCNC1112. Additional credits to be double-counted must be for 'disciplinary core' courses required by both majors.

Students Taking Double Majors, Major-Minor or Double Minors with Overlapping Course Requirements (cont.)

- Situation #1
  - For cases with 24 or less double-counted credits, the student must make up an equivalent number of credits by taking other courses offered by any faculties.

Students Taking Double Majors, Major-Minor or Double Minors with Overlapping Course Requirements (cont.)

The following list shows the major-major combinations that have more than 24 credits of the same 'disciplinary core' courses that appear in both Science majors and is subject to the rule of double counting:

Major-Major combination	Admission Year (Year 1)	No. of common 'disciplinary core' courses (credits) appear in both Science majors including SCNC1111 and SCNC1112	No. of replacement courses (credits) to be taken in the 2nd major ('Major 2')
Major in Astronomy Major in Mathematics/Physics	2014	5 (30 credits)	1 (6 credits)
Major in Astronomy Major in Physics	2014	6 (36 credits)	2 (12 credits)
	2015, 2016, 2017	5 (30 credits)	1 (6 credits)
Major in Biochemistry Major in Chemistry	2015, 2016, 2017, 2018, 2019	5 (30 credits)	1 (6 credits)
Major in Biochemistry Major in Molecular Biology & Biotechnology	2014	5 (30 credits)	1 (6 credits)
Major in Biological Sciences Major in Ecology & Biodiversity	All years	7 (42 credits)	3 (18 credits)
Major in Biological Sciences Major in Food & Nutritional Science	2014, 2017, 2018, 2019	6 (36 credits)	2 (12 credits)
	2015, 2016	7 (42 credits)	3 (18 credits)
Major in Biological Sciences Major in Molecular Biology & Biotechnology	2014	5 (30 credits)	1 (6 credits)
	2015, 2016, 2017, 2018, 2019	6 (36 credits)	2 (12 credits)
Major in Earth System Science Major in Geology	2014, 2015, 2016	5 (30 credits)	1 (6 credits)
Major in Ecology & Biodiversity Major in Food & Nutritional Science	2017, 2018, 2019	5 (30 credits)	1 (6 credits)
	2014, 2015, 2016	6 (36 credits)	2 (12 credits)
Major in Ecology & Biodiversity Major in Molecular Biology & Biotechnology	All years	5 (30 credits)	1 (6 credits)
Major in Food & Nutritional Science Major in Molecular Biology & Biotechnology	All years	6 (36 credits)	2 (12 credits)

Students Taking Double Majors, Major-Minor or Double Minors with Overlapping Course Requirements (cont.)

- Situation #2

  - If more than 24 credits (including SCNC1111 & SCNC1112) are listed as required courses ('disciplinary core') in both the first ('Major 1') and second ('Major 2') majors undertaken by a student, the student must make up the number of credits above the 24 permissible by taking replacement course(s) in the second major ('Major 2'). The replacement course(s) must be the disciplinary elective course(s) in the second major ('Major 2') and have the same prefix and at the same or higher level as the double-counted course(s).

  - The double counted credits should count the following courses in this order: **(1) SCNC1111 and SCNC1112, (2) introductory level (levels 1 and 2) courses, and (3) advanced level (level 3 or above) courses.**

Example: A student is taking Ecology & Biodiversity as the first major ('Major 1') and Molecular Biology & Biotechnology as the second major ('Major 2') . The following courses are common 'disciplinary core' courses of both majors.

Ecology & Biodiversity	Molecular Biology & Biotechnology
SCNC1111	SCNC1111
SCNC1112	SCNC1112
BIOL1110	BIOL1110
BIOL2102	BIOL2102
BIOL2103	BIOL2103
……	……

Double Counting of the first 4 courses is allowed.

Needs to take a replacement 'disciplinary elective course' in the 2nd major ('Major 2') (with a prefix of BIOL at level 2 or above to make up for BIOL2102 OR BIOL2103 with the approval by the Course Selection Adviser)

23

Faculty of Science
The University of Hong Kong

Students Taking Double Majors, Major-Minor or Double Minors with Overlapping Course Requirements (cont.)

- Situation #3
  - Double counting of credits is not permissible for major-minor or double-minors combinations. When a course is required ('disciplinary core') both by the major and minor or by both minors, the student must take a replacement course for the minor. The replacement course must be the disciplinary elective in the minor and have the same prefix and at the same or higher level as the course to be replaced.

- Situation #4
  - For students taking the Mathematics related majors/minors should note the exemption and replacement arrangement from https://www.scifac.hku.hk/current/ug/academic/overlapping-course-requirements.

- For the situations of 2, 3 and 4 above, students have to complete the application form, seek the written endorsement from the Course Selection Adviser of the second major ('Major 2') / minor and then return it to the <u>Faculty Office</u> by the closing dates of course selection or add/drop periods.

Graduation Requirements

- Satisfied the requirements in UG5 of the Regulations for First Degree Curricula[#];

- Passed no fewer than **240 credits***, comprising **96 credits** of the required courses as prescribed in the regular major programme, or **144 credits** (or a higher credit requirement by the accredited bodies) of the prescribed courses in the intensive major programme, of the BSc degree curriculum.

[#] UG5 specifies that students have to successfully complete:

- **12 credits of courses in English language enhancement**, including **6 credits in Core University English** and **6 credits in an English in the Discipline course (i.e. CAES9820 Academic English for Science Students OR CAES9821 Professional and Technical Communication for Mathematical Sciences)**;
- **6 credits of course in Chinese language enhancement**;
- **36 credits of courses in the Common Core Curriculum**, comprising at least one and not more than two courses from each Area of Inquiry with not more than 24 credits of courses being selected within one academic year except where candidates are required to make up for failed credits; and
- a **capstone experience** as specified in the syllabuses of the degree curriculum.

* The maximum curriculum study load for the normative period of study: 288 credits

Honours Classification

- Classification of honours is calculated using the **Graduation Grade Point Average GGPA** as below:
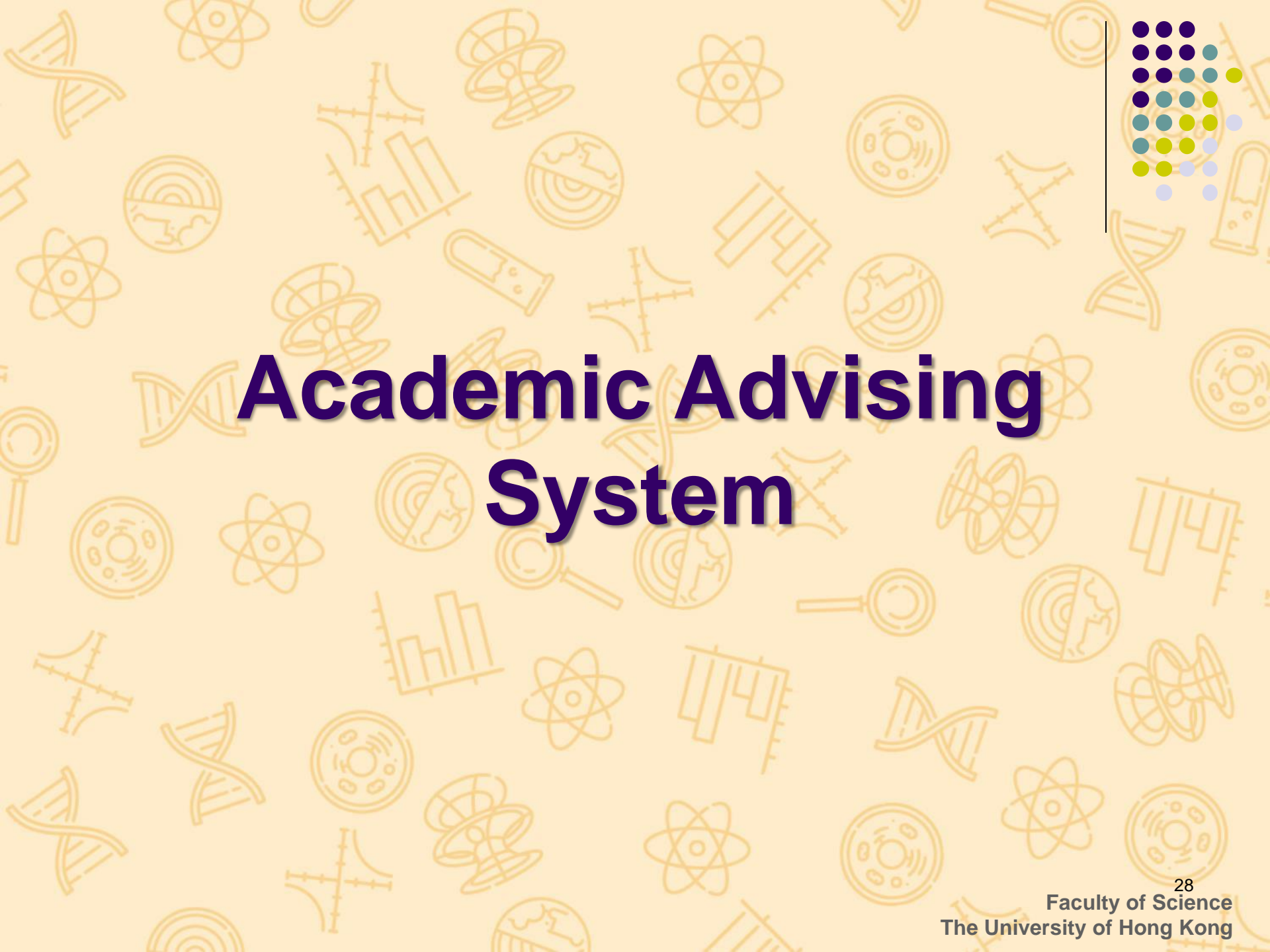
Class of honours	GGPA range
First Class Honours	3.60 – 4.30
Second Class Honours Division I	3.00 – 3.59
Second Class Honours Division II	2.40 – 2.99
Third Class Honours	1.70 – 2.39
Pass	1.00 – 1.69

- GGPA is the GPA in respect of courses attempted by a candidate (including failed courses) at the point of graduation. For students in the 2017-18 intake and thereafter who have successfully completed six Common Core courses, the calculation of Graduation GPA is subject to the proviso that either five Common Core courses with the highest grades (covering all four Areas of Inquiry), or all six courses will be counted towards Graduation GPA, depending on which generates the higher Graduation GPA.

26

Honours Classification (cont.)

- Credits granted for advanced standing in recognition of studies completed successfully before admission to the curriculum and credits transfer in recognition of studies completed on exchange during candidature at HKU are NOT included in the calculation of GPA.

- Honours classification may not be determined solely on the basis of a candidate's Graduation GPA and the Board of Examiners for the Degree of BSc/BSc(ActuarSc)/BASc(AppliedAI) may, at its absolute discretion and with justification, award a higher class of honours to a candidate deemed to have demonstrated meritorious academic achievement but whose Graduation GPA falls below the range stipulated in UG9(a) of the higher classification by not more than 0.1 Grade Point.

Academic Advising System

Faculty of Science
The University of Hong Kong

I am a freshman…

I want to have someone to discuss with… or should I read the information by myself?

How much time and effort am I willing to devote to studying?

What major am I truly interested in?

What do I want to do after graduation?

Where can I find relevant information?

What do I want to achieve for my university study?

Before selecting your minor, or courses……

Think…

What's the qualification/prerequisite required of by that minor or course? Am I eligible to take?

*What are my **strengths** and **weaknesses**?*

*What are my **academic goal** and **interests**?*

You can explore different possibilities using a semester or so……

Faculty of Science
The University of Hong Kong

Where can you obtain information & advice?

Faculty of Science
The University of Hong Kong

Faculty Academic Advisory System
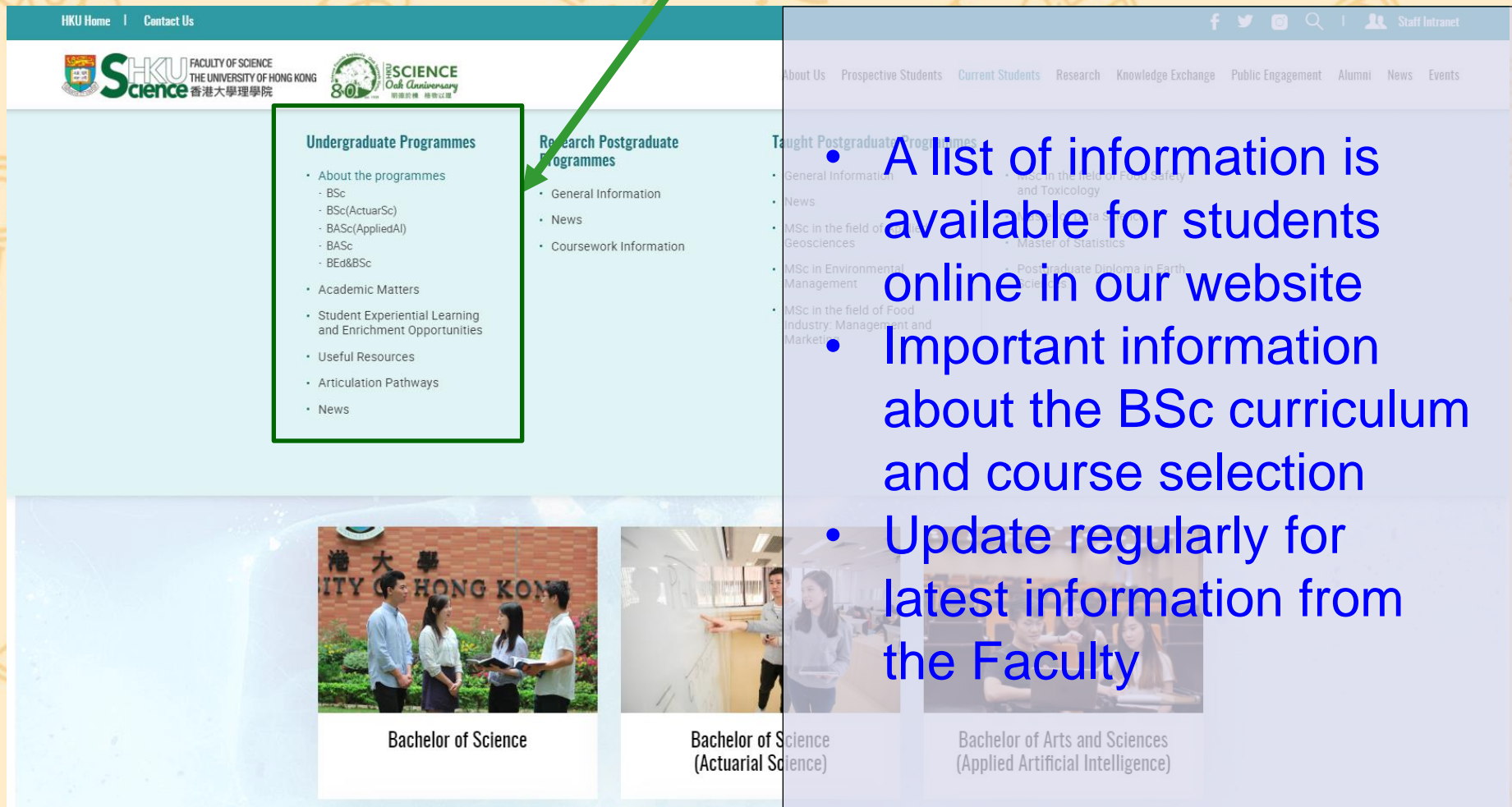
- **Information-based Advising**
  - Web resources
- **Personal Academic Advising**
  - Academic Advisers
- **Course Selection Advisers**
  - Deal with course selection/approval on a specific major
- **Student Peer Advisers**
  - Academic advising by Year 2 and above students

Web Resources

Faculty of Science website

https://www.scifac.hku.hk/current/ug/about

- A list of information is available for students online in our website
- Important information about the BSc curriculum and course selection
- Update regularly for latest information from the Faculty

Web Resources (cont.)

Faculty of Science website https://www.scifac.hku.hk/current/ug/about
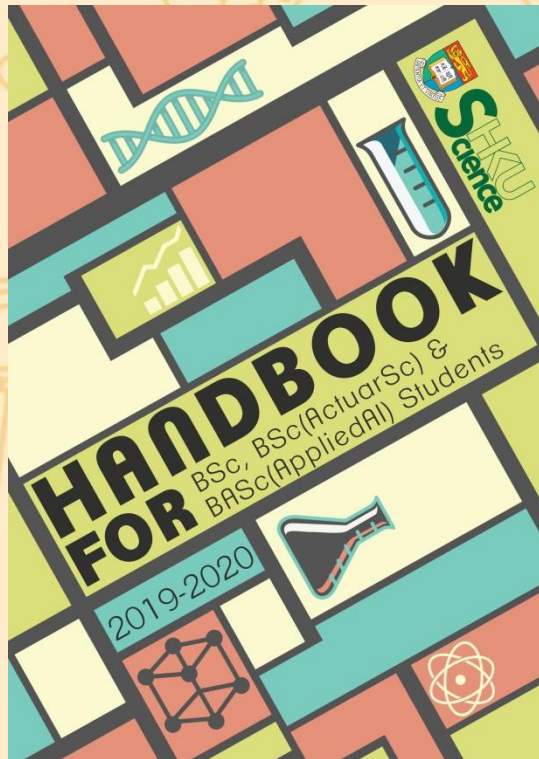
BSc regulations, course selection procedures and **important events**
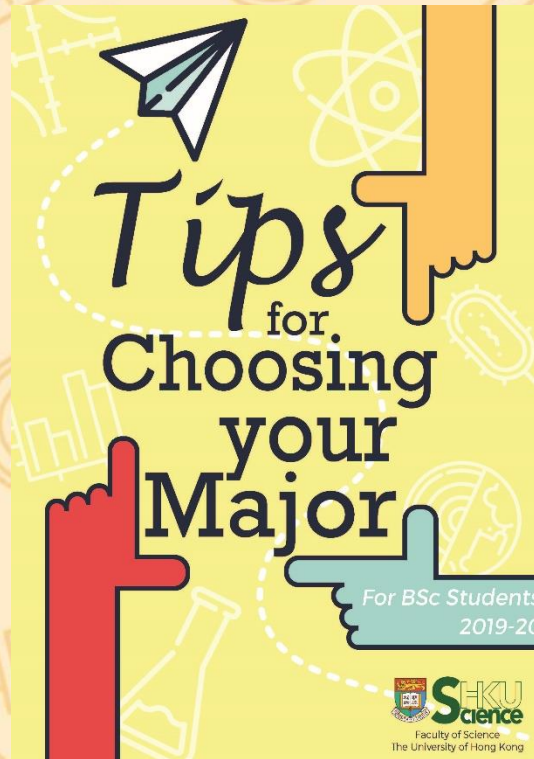
Advice and self-exploration before selection of majors and minors

BSc syllabuses (full list of majors and minors and BSc courses with courses description)

Web Resources (cont.)

Academic Advising Office (AAO) of the University

http://aao.hku.hk

Faculty Academic Advising Team

✓ **Academic Advisers**
- You can select your Academic Adviser or have one assigned according to your intended major by using the **online sign-up system**
- Facilitate freshmen to set academic and personal goals
- Offer academic advice on intended major
- Offer guidance for your transition from secondary school to university, and enrich your total learning experience

✓ *Your 'My Course History' has to be endorsed by your Academic Adviser by the end of the add/drop period in the 1st semester.*

Sign-up System for Academic Adviser
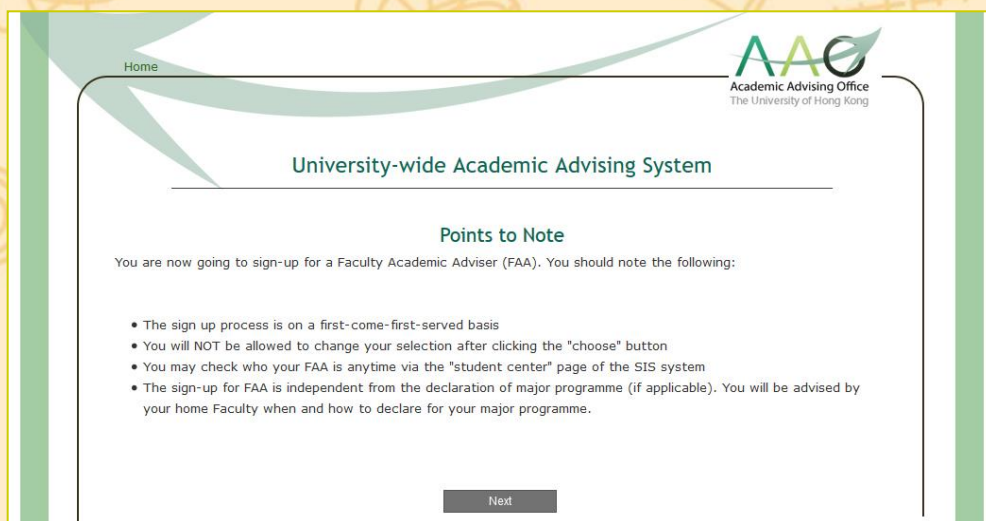
Sign up for your Academic Adviser **from 6:00 pm, August 9, 2019 (Friday) to 11:59 pm, August 15, 2019 (Thursday)** at https://ugaa.hku.hk/signup-faa.php.

If you do not sign up by August 15, 2019 (Thursday), the System will randomly assign one for you according to your intended major.

37

Sign-up System for Academic Adviser (cont.)

University-wide Academic Advising System

Sign-up of Faculty Academic Adviser in academic year 2019-20

Please choose a Faculty

Faculty of Science

Faculty of Science
The University of Hong Kong

Sign-up System for Academic Adviser (cont.)

Choose according to your intended major / programme on BSc

	Major/Programme	Status
○	Biochemistry	Available
○	Biological Sciences	Available
○	Chemistry	Available
○	Chemistry (Intensive)	Available
○	Decision Analytics	Available
○	Earth System Science	Available
○	Ecology & Biodiversity	Available
○	Ecology & Biodiversity (Intensive)	Available
○	Environmental Science	Available
○	Food & Nutritional Science	Available
○	Geology	Available
○	Geology (Intensive)	Available
○	Mathematics	Available
○	Mathematics (Intensive)	Available
○	Molecular Biology & Biotechnology	Available
○	Molecular Biology & Biotechnology (Intensive)	Available
○	Physics	Available
○	Physics (Intensive)	Available
○	Risk Management	Available
○	Statistics	Available

Choose   Back

Faculty of Science
The University of Hong Kong

Sign-up System for Academic Adviser (cont.)

Choose one Faculty Academic Adviser directly form the list of advisers for BSc

	Name	Faculty/Department	Major/Programme	Status
○	Dr. Ho Yu AU-YEUNG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Prof. Pauline CHIU	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Xiang LI	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Xiaoyu LI	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Jinyao TANG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Angela P L TONG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Edmund C M TSE	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Yufeng WANG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Jun YANG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
○	Dr. Angela M Y YUEN	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available

○ I have no preference and would like an automatic assignment by the system.

Choose   Back

40

Faculty of Science
The University of Hong Kong

Faculty Academic Advising Team (cont.)

✓ **Administrative Assistant of the Faculty Office**
- General advice

✓ **Course Selection Advisers**
- Teachers representing all majors/minors offered in the Faculty of Science
- Provide academic advice on major(s)/minor(s) and course selection

✓ *Approval of* <u>*pre-requisite / timetable clashes waiver*</u>
✓ *Approval of* <u>*replacement course*</u> *(if a major/minor or major/major combination shares the same core course)*
✓ *[Approved by **Chief Course Selection Adviser** only] Approval for* <u>*taking course load deviating from normal load*</u> *(taking <24 credits or >36 to 42 credits in a semester or taking <60 credits or >72 to 84 credits in an academic year)*
✓ ***Students are NOT allowed to take more than 72 credits in Year 1.***

41

Faculty Academic Advising Team (cont.)

✓ **Student Peer Advisers**
- A group of dedicated senior students that serve as a contact point for freshmen regarding academic enquiries
  https://www.scifac.hku.hk/current/ug/academic/aa/spa
- Starting from 2019-20, there will be a matching between freshmen and Student Peer Advisers
- You will be informed of your assigned Student Peer Adviser in mid- to late August.

Faculty Academic Advising Team (cont.)

✓ **Student Peer Advisers**

Student Peer Advisers will also be available at the **'Student Peer Advising Corner' counter** at the Faculty Office <u>during the add/drop period</u> of the 1st semester of 2019-20 to answer your enquiries!

Faculty of Science
The University of Hong Kong

SIS for Academic Advising

Student Center

SIS Main Menu

Search:
[   ] (»)

▽ Self Service
  ▷ Academic Planning
  ▷ Enrollment
  ▷ Campus Finances
  ▷ Campus Personal Information
  ▷ Academic Records
  ▷ Other Self Service
  − Student Center
▷ Records and Enrollment
▷ Curriculum Management

Chan Tai Man's Student Center

▽ Academics

Plan
Enroll
My Academics

(i) **You are not enrolled in classes.**

[other academic... ▾] (»)

SEARCH FOR CLASSES

▽ Holds

De-Reg due to non-payment   85,410.00

Currency used is Hong Kong Dollar.

details ▷

▽ Finances

shopping cart ▶

My Account

Account Inquiry
Bank Account Information
RPg Leave Information
RPg Studentship Details
NLS Loan Information
TSFS Loan Information
Grant/Loan Application View

[other financial... ▾] (»)

Account Summary

You owe 106,460.00.
- Due Now   85,410.00
- Future Due   21,050.00

** You have a past due balance of 85,410.00. **

Currency used is Hong Kong Dollar.

▽ Advisor

Program Advisor
Kwong Pok Chow

details ▷

▽ Other Links

Guidelines and Forms

▽ Personal Information

Demographic Data
Emergency Contact
Names

[other personal... ▾] (»)

Contact Information

Correspondence Address   Home Address

Lung Court, 33 Tin wan   Lung Court, 33 Tin wan
Praya Road,   Praya Road,
HK.   HK.
Contact Phone   Campus Email
  21234567   sistst02@hku.hk

Faculty of Science
The University of Hong Kong

Student Center (cont.)

Faculty of Science
The University of Hong Kong

Course Selection

Faculty of Science
The University of Hong Kong

Timetable of Events for Course Selection *(BSc I only)*

August 21 – 27, 2019	*Course selection period*
September 2, 2019	*1st semester starts*
September 2 – 16, 2019	*Course add/drop period (1st semester)*
January 20, 2020	*2nd semester starts*
January 20 – February 10, 2020	*Course add/drop period (2nd semester)*

What you MUST do …

Step 1
- Select your courses for the 1st and 2nd semesters from the SIS
- Obtain approval from Course Selection Advisers if necessary

Step 2
- Make an appointment with your Academic Adviser
- Print out '*My Course History*' **from the SIS** and bring it to your **Academic Adviser** for his/her endorsement

Step 3
- Bring your **endorsed 'My Course History'***, Course Approval Form (if applicable), Application form for taking a replacement course (if applicable)

  ⇒ *to the Faculty of Science Office*

  *only for the 1st semester of the 1st year of study

By 4 pm on Sept 16

**Faculty of Science
The University of Hong Kong**

Course Add/Drop Periods
(August – September 2019 and January 2020)

On-line course selection system available for course selection (add/drop) **(Sep 2 / Jan 20, 10 am)**

↓

Students prepare Course Approval Form for courses required special approval (if any) and seek endorsement by Course Selection Adviser(s) of the course offering department(s)/school(s)

↓

Students select courses on-line **(Sep 2 – 16 / Jan 20 – Feb 10)**

↓

Students who have applied for BSc courses required course based approval to check approval status

↓

Students finalize course selection on-line

↓

Print out "My Course History" from SIS for endorsement by Academic Advisers

(mandatory to all Year 1 students)

↓

For all Year 1 students: submit the signed print-out of "My Course History" to the Faculty Office by deadline

Submission deadline: Sep 16, 4 pm

↓

Submit the signed Course Approval Form (if applicable) to the Faculty Office by the end of add/drop period for students who have any course changes

↓

Check course selection status on-line **(Sep 21 / Feb 15, 10 am)**

Faculty of Science
The University of Hong Kong

Notes on Course Selection of Science Foundation Courses

- The two Science Foundation courses can be taken in **ANY ORDER**, i.e. it is not necessary to take SCNC1111 first.

- Please enroll in **BOTH courses (including the one to be taken in Semester 2)** in one go. If you have not enrolled in both courses by the end of the course selection period in August, you will be randomly assigned to the class.

- Please check the ballot result on a regular basis until the status for both courses are "approved".

Declaration of Major/Minor

You do not have to decide your major in the first year!

Talk with your Academic Adviser for ideas and suggestions!!!

Declaration of Major/Minor (cont.)

- Online course selection via **SIS** under the HKU Portal website (https://hkuportal.hku.hk/)

- You have to declare your **primary Science major** (and/or **minor(s) and 2nd major (major 2)**) online during the course selection period in August before the start of your **third** year of study, the latest.

- Your declared major/minor can be changed afterwards.*

*As long as the course selection system is opened in the course selection period and course add/drop period of each semester (Latest: in the 1st semester of the last academic year for graduation).

Experiential Learning

Faculty of Science
The University of Hong Kong

Experiential Learning Activities

- To complement and enhance the curriculum so as to give students an all-rounded and holistic education;

- To require students to tackle real-life issues and problems by drawing on theoretical knowledge that they have learnt in formal curriculum;

- To address the limitations in lecture and classroom-based learning.

Faculty of Science
The University of Hong Kong

Experiential Learning Activities (cont.)

- Project-based Learning
  - Undergraduate Research Opportunities
    - Final Year Project
    - Directed Studies
    - Summer Research Fellowship (SRF) Scheme
    - Overseas Research Fellowship (ORF) Scheme
    - Undergraduate Research Fellowship Programme (URFP)
    - Undergraduate Research Colloquium for Science Students
  - Seminar Course
  - Capstone Experience
- Field Studies
- Discipline Internship and Professional Preparation Programme
- Student Exchange Programme / Visiting Studies / Summer Schools offered by Faculty/School/Departments

Faculty of Science
The University of Hong Kong

Experiential Learning Activities (cont.)

One Mainland China, One Overseas Learning Opportunity

- To promote global citizenship and competitiveness, students are strongly encouraged to participate in at least one mainland China and one overseas learning opportunity, with duration of **no less than three weeks** of which at least two weeks must be outside Hong Kong, in their undergraduate study.

Stay tuned for the Opportunities at:

Faculty of Science
The University of Hong Kong

Project-based Learning

Field Studies

Faculty of Science
The University of Hong Kong

Exchange/Visiting/Summer Studies

Faculty of Science
The University of Hong Kong

Articulation Pathways (New)

Faculty of Science
The University of Hong Kong

HKU BSc + UoMelb DVM

(articulation pathway to Doctor of Veterinary Medicine at the University of Melbourne)

Provides a new pathway to talented students who aspire to pursue a career in veterinary

HKU 6901 BSc

Doctor of Veterinary Medicine (DVM) at the University of Melbourne (UoMelb)

BSc I > BSc II > BSc III > (optional) BSc IV (1st sem)

DVM1

credit transfer to HKU BSc

DVM2 > DVM3 > DVM4 > DVM degree at the University of Melbourne (UoMelb)

HKU 6901 BSc degree

← a minimum of 7 years →
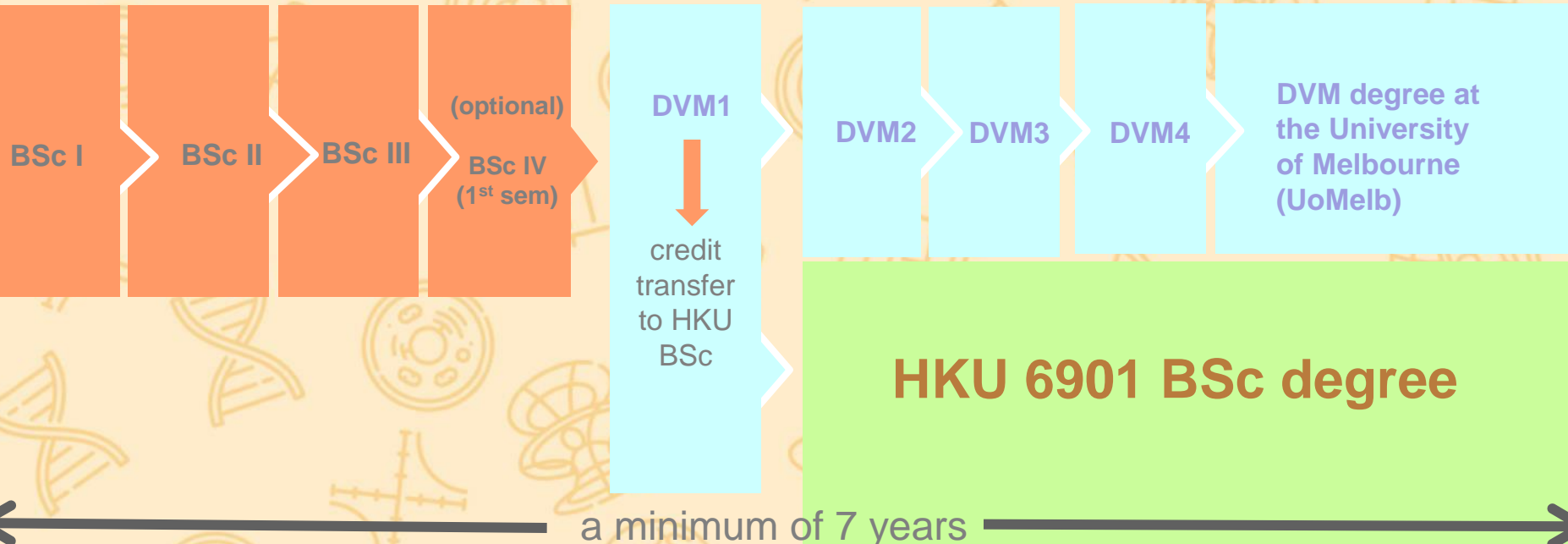
Remarks: students can also choose to study in HKU for 3.5 years, and obtain both degrees in 7.5 years

HKU BSc + UoMelb DVM

(articulation pathway to Doctor of Veterinary Medicine at the University of Melbourne)

Eligible majors

Biochemistry

Molecular Biology & Biotechnology

Biological Sciences

Food & Nutritional Science

Ecology & Biodiversity

Prerequisite for application

Gain 186 credits

upon successful completion of at least 6 semesters

Scholarship

to cover partial tuition fees of 1st year of study at UoMelb

CGPA Requirement

≥ 3.45

Selection period

Year 3 of the study

Quota

up to 5 students every year

OF VETERINARY MEDICINE

HKU BSc + UoMelb DVM
(articulation pathway to Doctor of Veterinary Medicine at the University of Melbourne)

6901 BSc

the only
Doctor of Veterinary
Medicine articulation
programme in HK

UoMelb

QS World University
Rankings 2019
by Subject
– Veterinary Science

#17

After completion

Students will obtain
international accreditation
AVBC (Australia),
AVMA (USA) and RCVS (UK)

avbc
Australasian Veterinary Boards Council Inc.

AVMA
Our Passion. Our Profession.

RCVS SETTING VETERINARY STANDARDS

Graduates are also qualified to
register as veterinary surgeons
and practise in Hong Kong

VETERINARY SURGEONS BOARD OF HONG KONG
SVB

Faculty of Science
The University of Hong Kong

4 years in 6901 BSc/ 6729 BSc (ActuarSc) plus 1 year in MSc/MStat or 1.5 years in MDASC
(articulation pathway to Science Master Programmes at HKU)

Guaranteed admission to the taught postgraduate programmes offered by the Faculty to selected outstanding science students

Provide a convenient channel of specialized training for deepening knowledge in specific fields of science

TPg Programmes include:

MSc in the field of Applied Geosciences
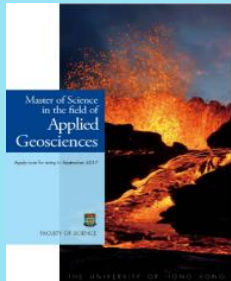
MSc in the field of Food Safety and Toxicology

MSc in the field of Food Industry: Management and Marketing

Master of Statistics
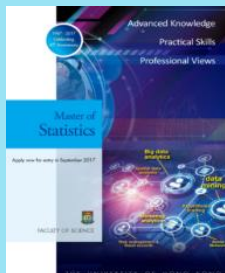
MSc in Environmental Management

MSc in Data Science

CGPA requirement (at graduation)

≥ 3.5

Quota

MSc in Data Science: 2
No quota for other TPG programmes

Accepts applications from students completing Year 3

Scholarship for the TPg study

Students who are awarded the highest amount of scholarship will only need to pay 50% of tuition fee

The University of Hong Kong

Plagiarism

Plagiarism
and Academic Honesty

- An academic misdemeanour is a **SERIOUS** disciplinary offence.

The situation is particularly **SEVERE** in course assessment involving submission of report/poster/presentation, where students have been caught copying materials in bulk.

Faculty of Science
The University of Hong Kong

Plagiarism (cont.)

The Faculty **DOES NOT TOLERATE** PLAGIARISM.

Commitment of PLAGIARISM could result in <u>SEVERE PENALITY AND DISCIPLINARY ACTION</u> INCLUDING **REPRIMAND** AND **DISCONTINUATION**.

Faculty of Science
The University of Hong Kong

Plagiarism (cont.)

Details for plagiarism can be found in the Faculty of Science homepage (https://www.scifac.hku.hk/current/ug/academic/academic-honesty)
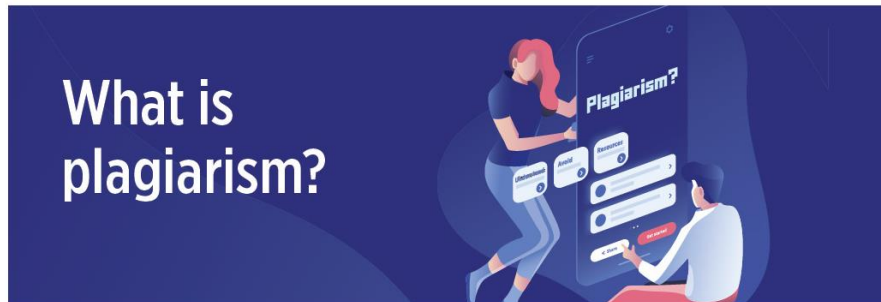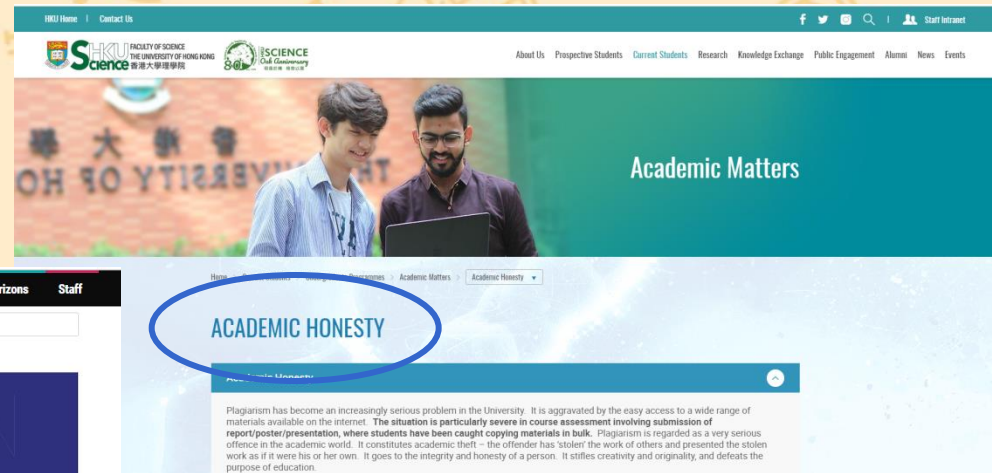
"What is Plagiarism?"
available at https://tl.hku.hk/plagiarism/

Faculty of Science
The University of Hong Kong

In what situation I would be defined as having committed plagiarism?

Copying
- Text
- Work
- Graphics

from internet, books, or any forms of information **WITHOUT proper paraphrasing or acknowledgement**

A mean of violating
Academic Honesty

One should not say you don't know......
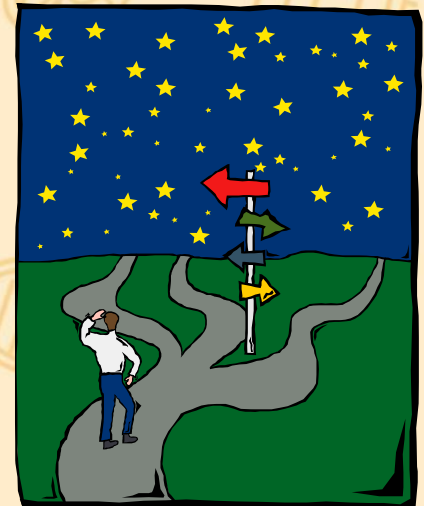
When in doubt, talk to your Academic Adviser / Teacher / Tutor.

Faculty of Science
The University of Hong Kong

Disciplinary Issues

Faculty of Science
The University of Hong Kong

Disciplinary Issues

- Besides plagiarism, you should be aware of your **conduct**, **behaviour** and always **uphold your integrity**.
- **NEVER** attempt cheating, falsification of documents.
- Any disciplinary infringements will be considered by the Disciplinary Committee; *penalty ranges from reprimand to expulsion from the University depending on the seriousness of the offense*.

Inclusive Language in Academic Work

Faculty of Science
The University of Hong Kong

Inclusive Language in Academic Work

- Awareness and sensitive to the use of language
  - To generate more thoughtful and respectful use of language
  - To reduce discrimination by promoting a balanced and considerate engagement with social diversity
  - To avoid words and phrases that stereotype, marginalise and demean social groups

- https://tl.hku.hk/2018/07/use-of-inclusive-language-in-academic-work-a-guideline-for-undergraduate-and-taught-postgraduate-students/

Regulations on Discontinuation

Progression and Discontinuation

- The Faculty stresses the importance of the academic performance of students. Students who do not perform satisfactorily may be recommended for <u>discontinuation of their studies</u>.

- Sc5(h) Candidates shall be recommended for discontinuation of their studies if they have:
  (i) failed 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
  (ii) failed to achieve an average Semester GPA of 1.0 or higher for the two consecutive semesters (not including the summer semester); or
  (iii) exceeded the maximum period of registration specified in Sc3, unless otherwise permitted by the Board of the Faculty.

Progression and Discontinuation (cont.)

- G11 Unsatisfactory performance or progress:
  A student whose performance at examinations or in coursework or in such class tests as may be held from time to time is unsatisfactory, or in the case of a higher degree student whose progress is unsatisfactory, may be required by the Senate to discontinue his studies.

- Students who are recommended for discontinuation of their studies will be interviewed by the Faculty Review Committee on Student Performance and Discontinuation (FRC) before their cases are considered by the University's Committee on Discontinuation (CoD). The FRC normally meets in January/February and July every year.

**Faculty of Science
The University of Hong Kong**

How does the Faculty contact you?

- Mostly by **email** to your **HKU email account**
- Students have the responsibility to <u>check your HKU email account daily and take timely action accordingly</u>
- Always read the **email** sent by the Faculty of Science (science@hku.hk)

Please keep the Faculty updated of your contact information (e.g. telephone, personal email, address) in <u>your SIS account</u>!!!

Useful Contact

- **Faculty of Science Office**
  - Address: G/F, Chong Yuet Ming Physics Building
  - Email: science@hku.hk
  - Tel.: 3917 2683
  - Website: https://www.scifac.hku.hk/

- **Academic Advising Office (AAO)**
  - http://aao.hku.hk

- **Academic Support and Examinations Section**
  - http://www.ase.hku.hk

- **HKU Worldwide Undergraduate Exchange Programme**
  - https://aal.hku.hk/studyabroad/

Advice and Support from the University

✓ **Academic Advising Office (AAO)**

✓ **Centre of Development and Resources for Students (CEDARS)**

- Counselling & Person Enrichment / Careers & Placement / Campus Life / Student Development

✓ **University Health Service (UHS)**

- Health issues

Reminder

Please indicate your *intended major* at https://webapp.science.hku.hk/student/IntendedMajor.html

by August 15, 2019 (Thursday)

Faculty of Science
The University of Hong Kong

- Thank you -

Wish you have a brilliant beginning at the Faculty of Science!

Faculty of Science
The University of Hong Kong