

# Induction Day for 6901 BSc I Students

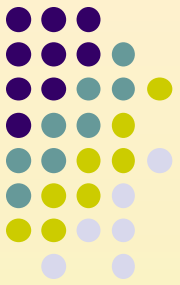
## BSc Curriculum and Course Selection

**Dr Francis C C Ling**

Associate Dean (Student Affairs)

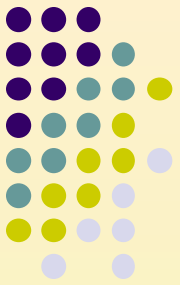
**August 10, 2018**



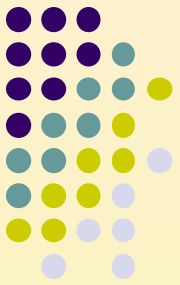


***Welcome  
to  
Faculty of Science!***

# Overview

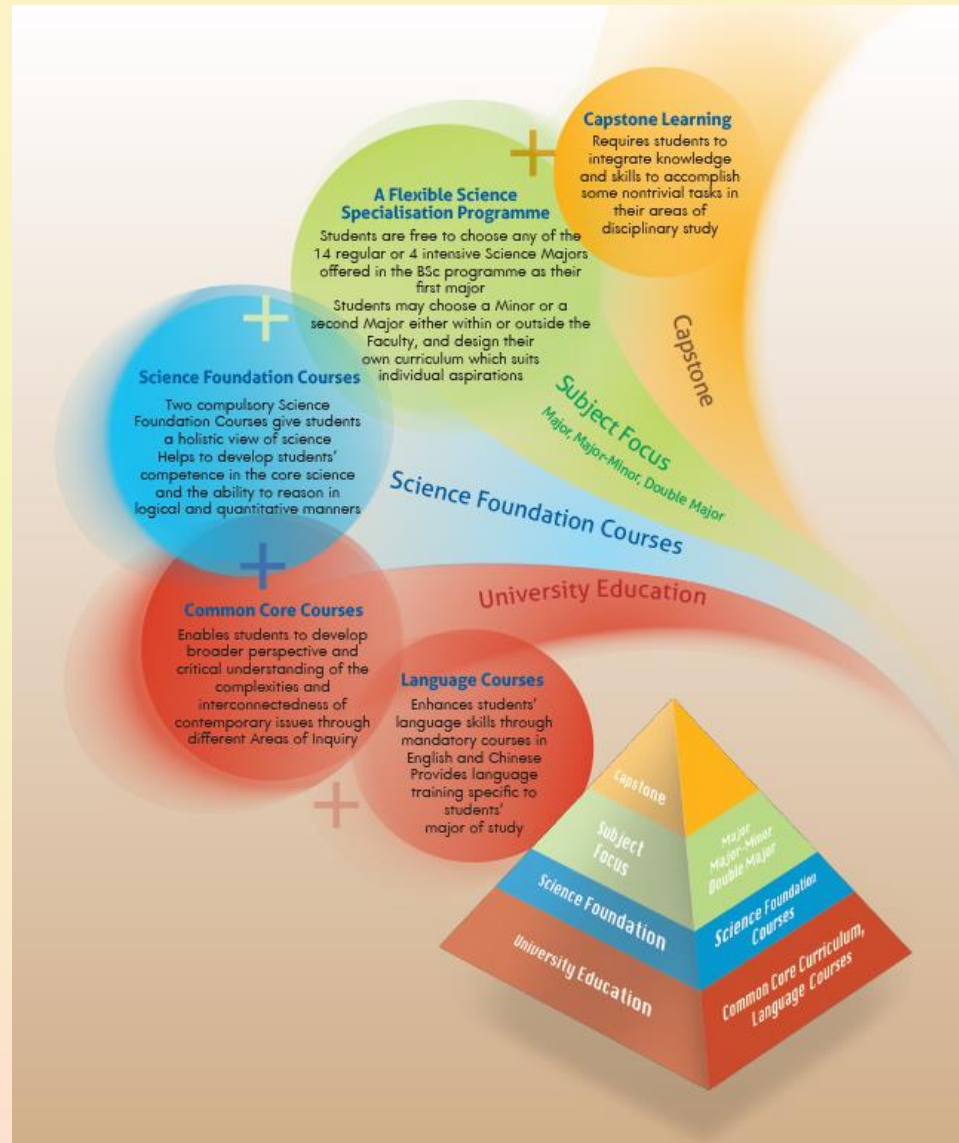
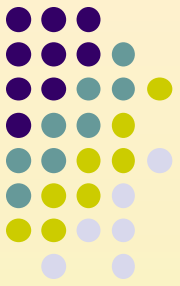


- 6901 BSc Curriculum & Graduation Requirements
- Academic Advising System
- Course Selection
- Experiential Learning
- Articulation Pathways (New)
- Plagiarism
- Disciplinary Issues
- Inclusive Language in Academic Work
- Regulations on Discontinuation



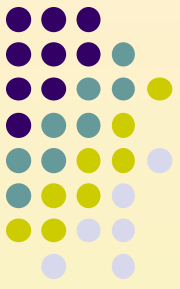
# 6901 BSc Curriculum & Graduation Requirements

# Curriculum Structure of the BSc Degree (240 Credits)



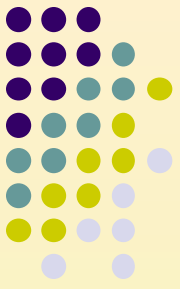
# Science Majors

Students admitted to the first year of the 6901 BSc programme in the academic year of 2018-19 and thereafter can choose any of the following **14 regular or 4 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
- Molecular Biology & Biotechnology
- **Molecular Biology & Biotechnology (Intensive)**
- Physics
- Risk Management
- Statistics

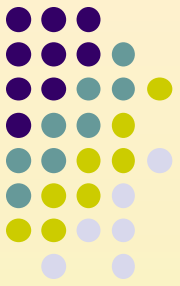
# Science Minors



## 17 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
- Statistics

# Minors and 2<sup>nd</sup> Majors Available for BSc Students



- **2<sup>nd</sup> Majors\***

- Science
- Arts
- Business & Economics
- Engineering
- Social Sciences

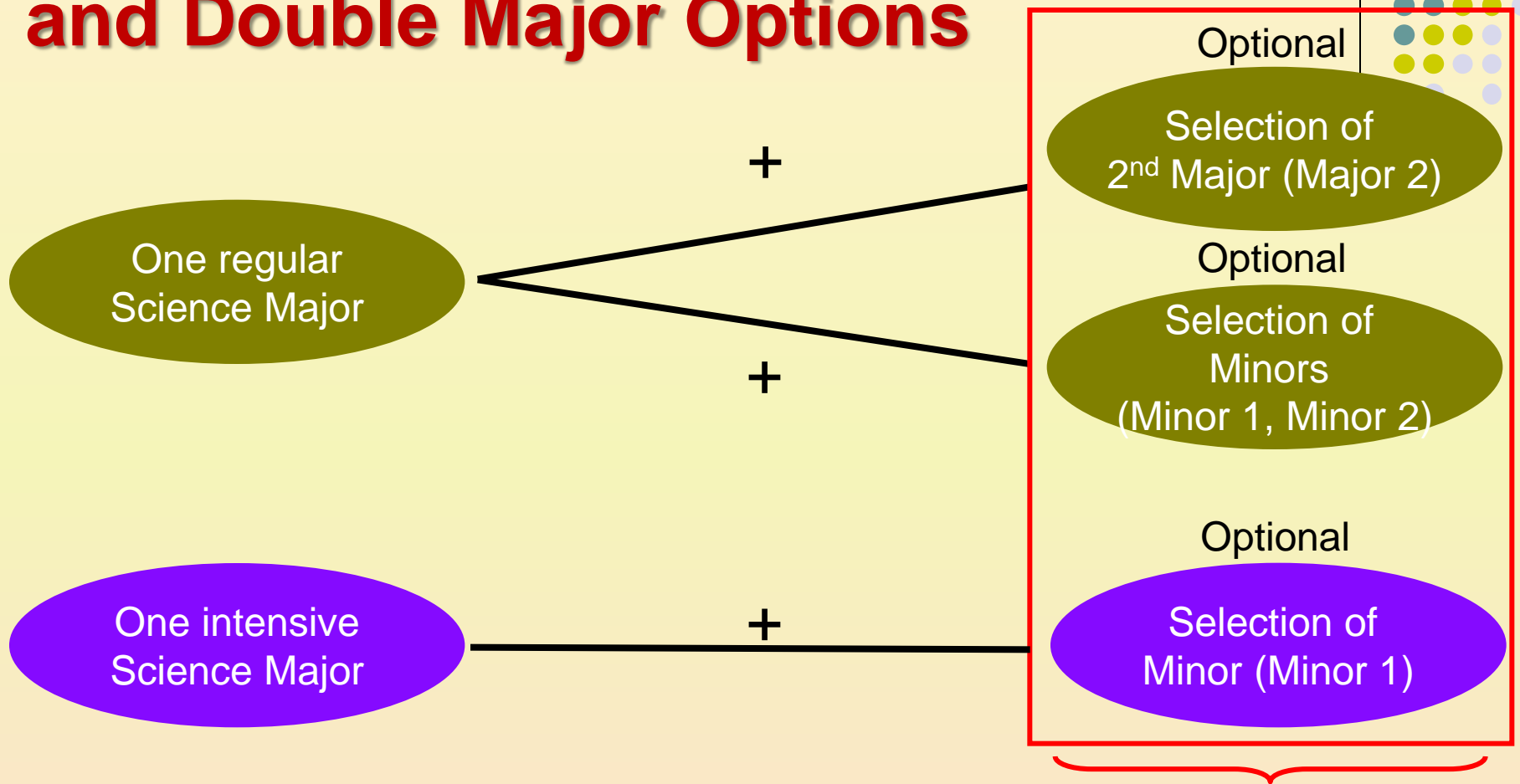
- **Minors**

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

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

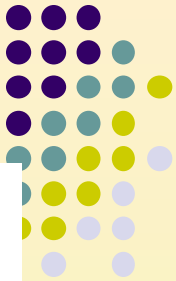


# Major-Minor and Double Major Options

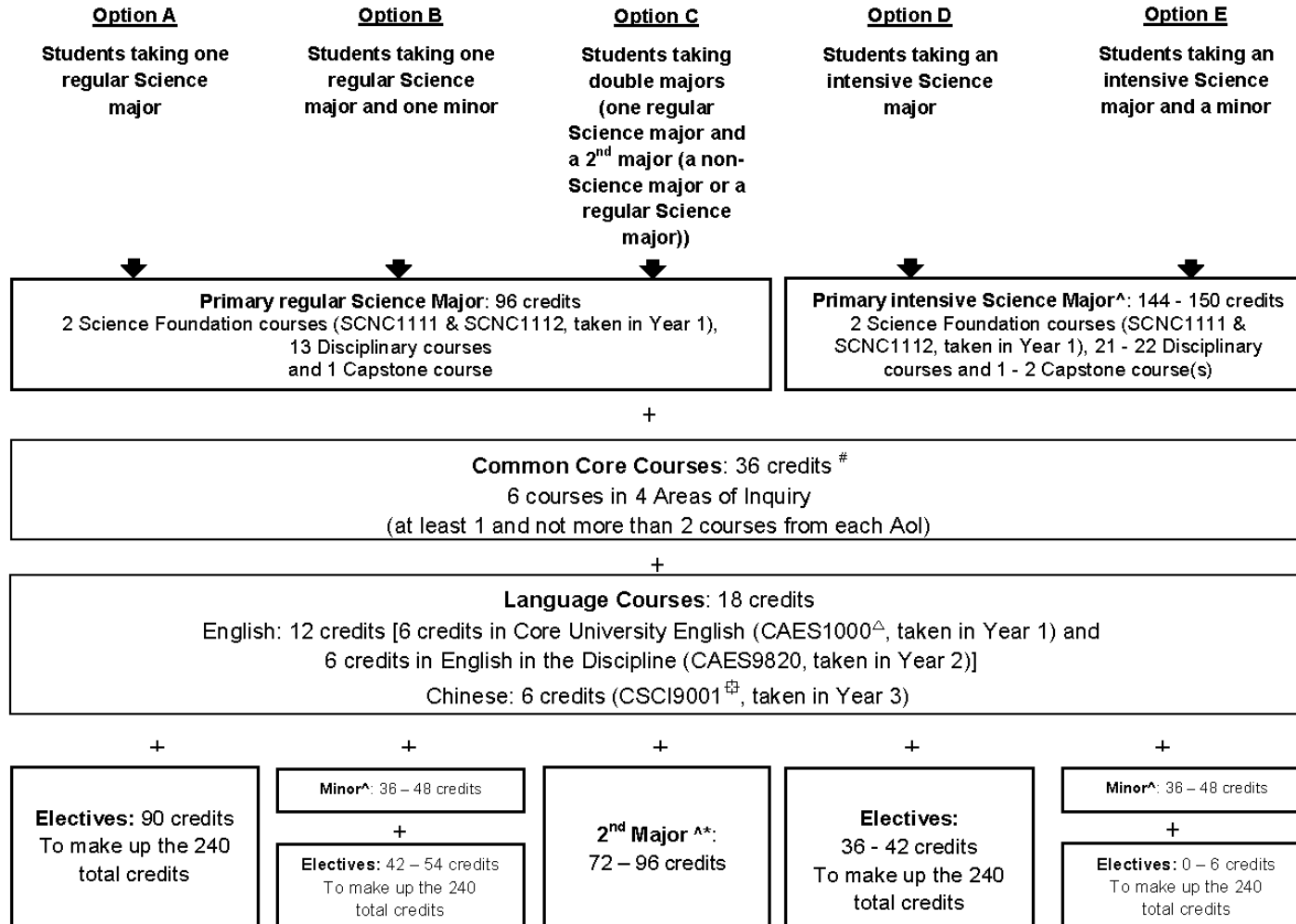


\* **Quota & timetabling restrictions** may apply. Some non-Science majors/minors may require a minimum academic result before you are allowed to enroll in them.

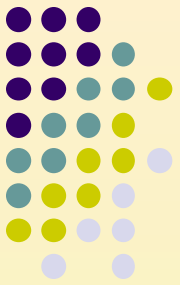
# BSc Curriculum Requirements



## Curriculum requirements (240 credits)



# Example of BSc Programme Structure by Year of Study



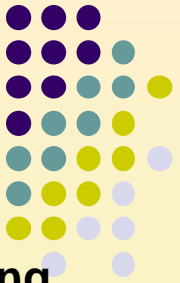
Yr 4	Cap-stone	Major	Major	Major	Major	Major	Intensive Major	Intensive Major	(Intensive Major)	
Yr 3	CC	CC	Chi	Major	Major	Major	Intensive Major	Intensive Major	Intensive Major	
Yr 2	CC	CC	Eng 2	Major	Major	Major	Intensive Major	Intensive Major		
Yr 1	CC	CC	Eng 1	SF1	SF2	Major	Major	Intensive Major		

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 2<sup>nd</sup> 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 (Aols):
  - (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

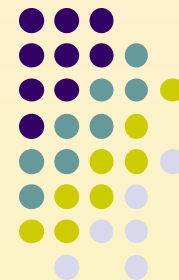
- Capstone experience is an integral part of the major/programme which focuses on integration and application of knowledge and skills gained in the early years of study.
- Student must complete capstone experience for [fulfillment of the graduation requirement](#).
- Capstone course carries a minimum 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



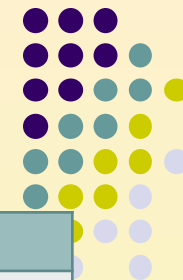
Major/Programme	Recognized Capstone Courses (for 2018 cohort)
1. Biochemistry	1. BIOC3999 Directed studies in biochemistry (6) 2. BIOC4966 Biochemistry internship (6) 3. BIOC4999 Biochemistry project (12)
2. Biological Sciences	1. BIOL3994 Directed studies in biological sciences (6) 2. BIOL4964 Biological 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) <i>(for 2018 cohort and thereafter)</i>	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)

# List of Capstone Courses by Major (cont.)



Major/Programme	Recognized Capstone Courses (for 2018 cohort)
6. Ecology & Biodiversity 7. Ecology & Biodiversity (Intensive) <i>(for 2018 cohort and thereafter)</i>	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. BIOL4913 Advanced practicum on food and nutrient analysis (6) 3. BIOL4922 Food product development and evaluation (6) 4. BIOL4962 Food & nutritional science internship (6) 5. BIOL4992 Food & nutritional science project (12)
10. Geology 11. Geology (Intensive) <i>(for 2018 cohort and thereafter)</i>	1. EASC4955 Integrated field studies (6)
12. Mathematics	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)

# List of Capstone Courses by Major (cont.)

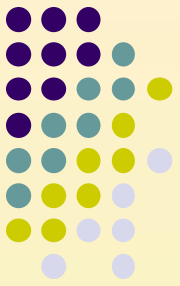


Major/Programme	Recognized Capstone Courses (for 2018 cohort)
13. Molecular Biology & Biotechnology	1. BIOL3993 Directed studies in molecular biology & biotechnology (6) 2. BIOL4963 Molecular biology & biotechnology internship (6) 3. BIOL4993 Molecular biology & biotechnology project (12)
14. Molecular Biology & Biotechnology (Intensive) (for 2018 cohort and thereafter)	1. BIOL4993 Molecular biology & biotechnology project (12)
15. Physics	1. PHYS3999 Directed studies in physics (6) 2. PHYS4966 Physics internship (6) 3. PHYS4999 Physics project (12)
16. Decision Analytics 17. Risk Management 18. 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)
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)

FAQs on capstone requirement can be found in the Faculty website at <https://www.scifac.hku.hk/ug/current/forms-faqs/faqs/capstone-req>.

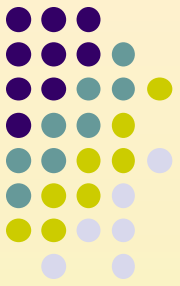


# Students Taking Double Majors, Major-Minor or Double Minors with Overlapping Course Requirements

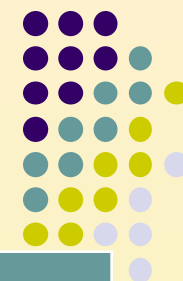


- General Principle
  - Double-counting of courses up to a maximum of 24 credits is permissible with double majors. The double-counted courses in both Science majors must include SCNC1111 and SCNC1112. Additional credits to be double-counted must be for 'disciplinary core' courses required by both majors.

# 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.

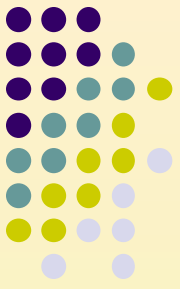


# Students Taking Double Majors, Major-Minor or Double Minors with Overlapping Course Requirements (cont.)

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

Major-Major combination	Admission Year (Year 1)	No. of common ' <u>disciplinary core</u> ' courses (credits) appear in both majors including SCNC1111 and SCNC1112	No. of replacement courses (credits) to be taken in the 2 <sup>nd</sup> major ('Major 2')
Major in Astronomy Major in Mathematics/Physics	2013, 2014	5 (30 credits)	1 (6 credits)
Major in Astronomy Major in Physics	2013, 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	5 (30 credits)	1 (6 credits)
Major in Biochemistry Major in Molecular Biology & Biotechnology	2013, 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	6 (36 credits)	2 (12 credits)
	2013	5 (30 credits)	1 (6 credits)
	2015, 2016	7 (42 credits)	3 (18 credits)
Major in Biological Sciences Major in Molecular Biology & Biotechnology	2013, 2014	5 (30 credits)	1 (6 credits)
	2015, 2016, 2017, 2018	6 (36 credits)	2 (12 credits)
Major in Earth System Science Major in Geology	2013, 2014, 2015, 2016	5 (30 credits)	1 (6 credits)
Major in Ecology & Biodiversity Major in Food & Nutritional Science	2013, 2017, 2018	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

SCNC1111

SCNC1112

BIOL1110

BIOL2102

BIOL2103

.....

Molecular Biology & Biotechnology

SCNC1111

SCNC1112

BIOL1110

BIOL2102

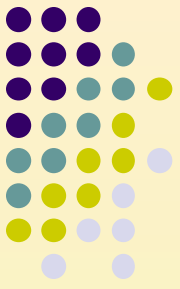
BIOL2103

.....

**Double Counting of the first 4 courses is allowed.**

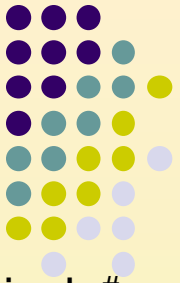
**Needs to take a replacement 'disciplinary elective course' in the 2<sup>nd</sup> major ('Major 2') (with a prefix of BIOL at level 2 or above to make up for BIOL2102 OR BIOL2103 with the approval by the Course Selection Adviser)**

# 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/ug/current/bsc/curriculum/overlapping-course-req.>
- 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 Faculty Office by the closing dates of course selection or add/drop periods.

# Graduation Requirements



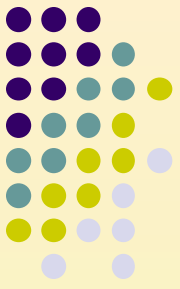
- Satisfied the requirements in UG5 of the Regulations for First Degree Curricula#;
- Passed no fewer than **240 credits\***, comprising **96 credits** of the required courses as prescribed in the regular major programme, or **144 credits** (or a higher credit requirement by the accredited bodies) of 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**;
- **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



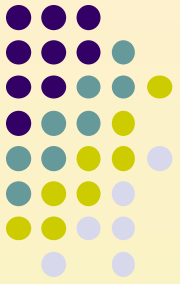
- Classification of honours is calculated using the **Graduation Grade Point Average GGPA** as below:

<u>Class of honours</u>	<u>GGPA range</u>
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

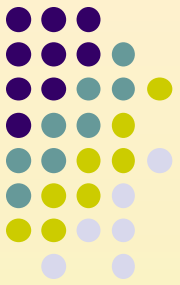
- GGPA is the GPA in respect of courses attempted by a candidate (including failed courses) at the point of graduation. For students in the 2017-18 intake and thereafter who have successfully completed six Common Core courses, the calculation of Graduation GPA is subject to the proviso that either five 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.



# 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) 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

# *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?*

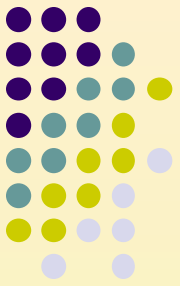
*What major am I truly interested in?*

*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.....



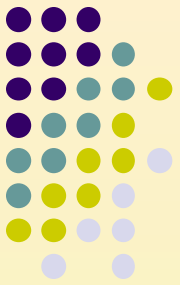
## Think...

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

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

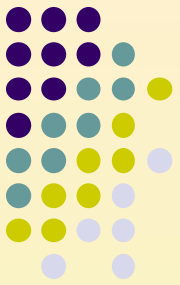
*What are my **academic goal** and **interests**?*

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



# Where can you obtain information & advice?

# Faculty Academic Advisory System

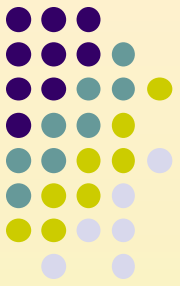


- **Information-based Advising**
  - Web resources
- **Personal Academic Advising**
  - Academic Advisers
- **Course Selection Advisers**
  - Deal with course selection/approval on a specific major
- **Student Peer Advisers**
  - Academic advising by Year 2 and above students

# Web Resources

## Faculty of Science website

<https://www.scifac.hku.hk/ug>



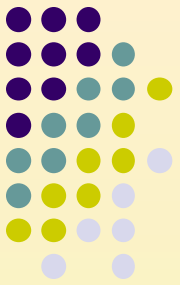
The screenshot shows the Faculty of Science website. The header includes the logo and navigation links: HKU Home, Science Intranet, Contact Us, and Sitemap. The main navigation menu includes: About Us, Undergraduate, Postgraduate, Research, Community Engagement, and Alumni. The main content area is titled 'Current Students' and features a search bar. The left sidebar contains a list of links under the 'Undergraduate' heading, with 'Current Students' circled in pink. The main content area displays a grid of program-specific pages, each with a thumbnail image and a list of links:

- BSc**: News, Curriculum & Regulations
- BSc (Actuarial Science)**: News, Curriculum & Regulations
- BEd&BSc**: BEd&BSc
- Academic Advising**: BSc
- Examination & Prizes**: Examination & Assessment, Dean's Honours List & Prizes
- UG Research, Exchange & Other Opportunities**: Undergraduate Research

# Web Resources (cont.)

## Faculty of Science website

<https://www.scifac.hku.hk/ug>



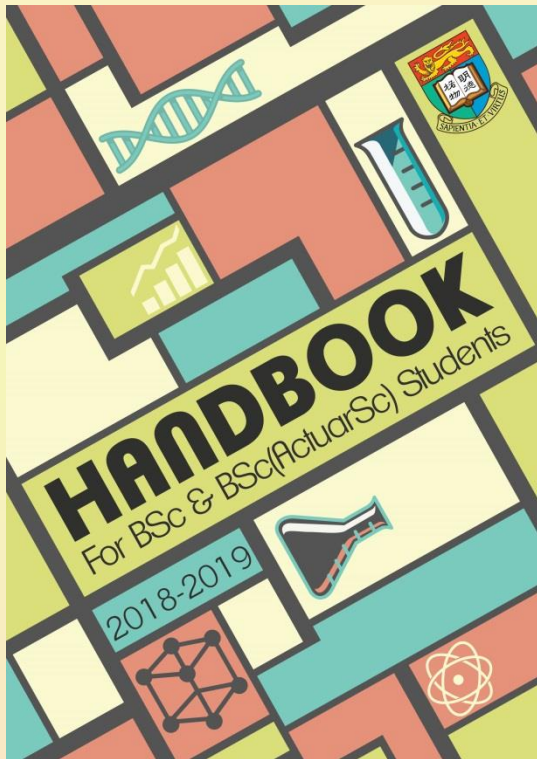
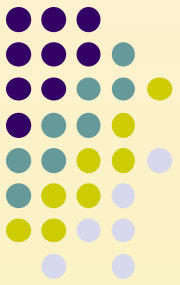
- A list of information is available for students online in our website
- Important information about the BSc curriculum and course selection
- Update regularly for latest information from the Faculty

The screenshot shows the Faculty of Science website interface. At the top right, there are navigation links: HKU Home, Science Intranet, Contact Us, and Sitemap. Below this is a main navigation menu with links for About Us, Undergraduate, Postgraduate, Research, Community Engagement, and Alumni. A large banner image shows students in a classroom setting. Below the banner is a search bar. The main content area features two news sections: 'News - Prospective Students' and 'News - Current Students'. The 'Prospective Students' section includes a link for the 'Young Scientist Scheme (YSS) for Outstanding Students in 6901 BSc'. The 'Current Students' section includes links for 'CAES9820 Academic English for Science Students' and a 'Timetable of Events for Current BSc & BSc(ActuarSc) Students (June - September 2018)'. A red box highlights these news sections, and a red arrow points from the text on the left towards the 'Prospective Students' section.

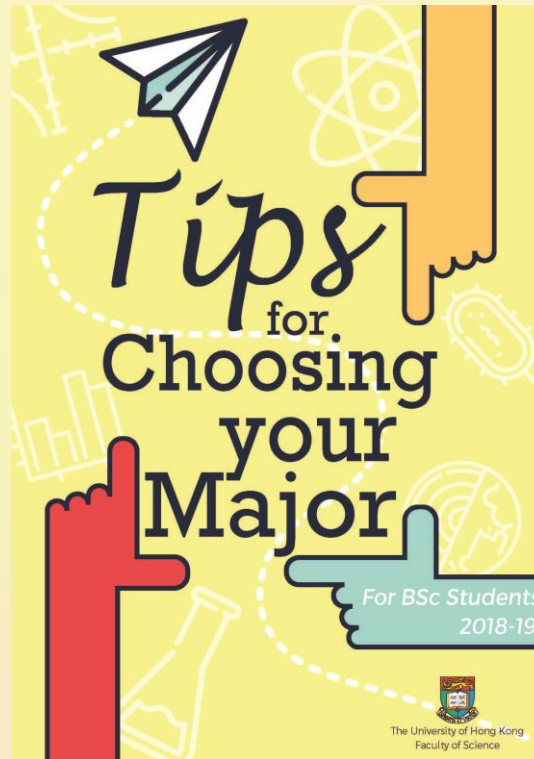


# Web Resources (cont.)

Faculty of Science website <https://www.scifac.hku.hk/ug>



**BSc regulations, course selection procedures and important events**



**Advice and self-exploration before selection of majors and minors**

**UNDERGRADUATE SYLLABUSES & REGULATIONS** FACULTY OF SCIENCE THE UNIVERSITY OF HONG KONG  
**4-Year Curriculum**

**2018-2019**

- Check Course Details
- Check Science Major/Minor/Programme Structure
- Check Capstone Requirements for Each Major/Programme

**Other Information:**

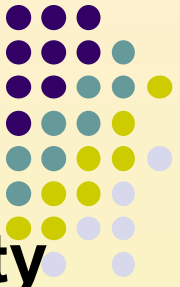
- Degree Regulations - BSc / BSc(Actuarial Science)
- University Regulations for First Degree Curricula
- Graduation Requirements and Honours Classification: BSc / BSc(Actuarial Science)
- Equivalency of HKDSE and other qualifications
- Students taking double Majors, Major-Minor or double Minors with overlapping course requirements
- Credit Unit Statement - BSc / BSc(Actuarial Science)
- Past Syllabuses and Regulations (2017-2018 or before)

**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>



AAO Academic Advising Office The University of Hong Kong

HKU HKU Portal Site Map Contact Us

Search...

Appointment with AAO

Ecards to thank Advisers

Find your Faculty Adviser

"Meet and Chat" for Study Success 2018 For Direct Senior Year Admission Students

NEW AAO Ecard!! Send an Ecard to thank your Adviser !!

What is your advising story?

HKU Academic Roadmap, Try it out!

Year One: EXPLORE

Attend orientations

Home Faculty

1. How well are you adjusting to university learning?

2. What are your goals? Do you have an academic plan?

3. U life can be overwhelming. Are you using your prioritizing and time management skills well?

Balance studies, activities and sleep

Academic Roadmap

Year Two: ENGAGE

Declare your first major

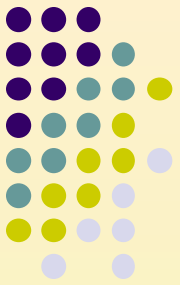
Consider your minor / second major

Student

Faculty and Staff

DB-2010C

# Faculty Academic Advising Team



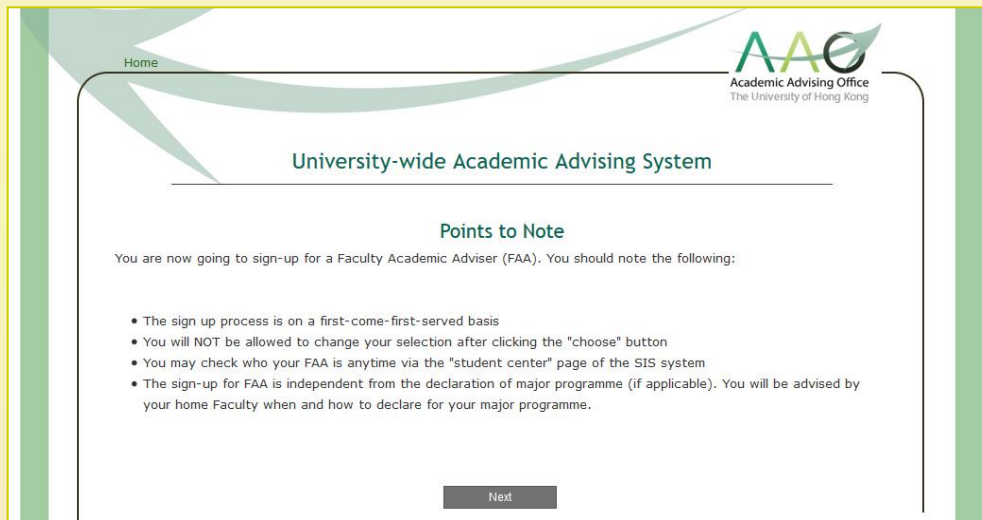
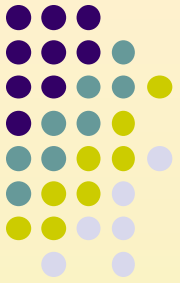
## ✓ Academic Advisers

- 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 1<sup>st</sup> semester.*

**You are required to meet your assigned Academic Adviser ONCE every semester in your first year of study!**

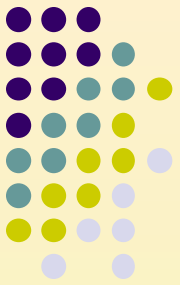
# Sign-up System for Academic Adviser



Sign up for your Academic Adviser  
from **6:00 pm, August 10, 2018**  
(Friday) to **11:59 pm, August 15,**  
**2018 (Wednesday)** at

<https://ugaa.hku.hk/signup-faa.php>.

If you do not sign up by August 15, 2018 (Wednesday), the System will randomly assign one for you according to your intended major.



# Sign-up System for Academic Adviser (cont.)

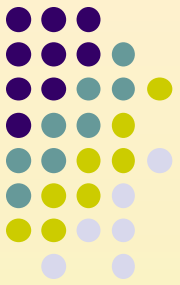
## University-wide Academic Advising System

---

Sign-up of Faculty Academic Adviser in academic year 2018-19

Please choose a Faculty

Faculty of Science



# Sign-up System for Academic Adviser (cont.)

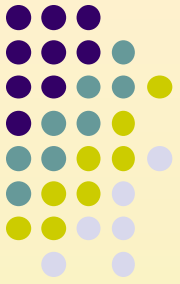
Choose according to your intended major / programme on BSc

	Major/Programme ▼	Status ▼
<input type="radio"/>	Biochemistry	Available
<input type="radio"/>	Biological Sciences	Available
<input type="radio"/>	Chemistry	Available
<input type="radio"/>	Chemistry (Intensive)	Available
<input type="radio"/>	Decision Analytics	Available
<input type="radio"/>	Earth System Science	Available
<input type="radio"/>	Ecology & Biodiversity	Available
<input type="radio"/>	Ecology & Biodiversity (Intensive)	Available
<input type="radio"/>	Environmental Science	Available
<input type="radio"/>	Food & Nutritional Science	Available
<input type="radio"/>	Geology	Available
<input type="radio"/>	Geology (Intensive)	Available
<input type="radio"/>	Mathematics	Available
<input type="radio"/>	Molecular Biology & Biotechnology	Available
<input type="radio"/>	Molecular Biology & Biotechnology (Intensive)	Available
<input type="radio"/>	Physics	Available
<input type="radio"/>	Risk Management	Available
<input type="radio"/>	Statistics	Available

Choose

Back

# Sign-up System for Academic Adviser (cont.)



## University-wide Academic Advising System

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

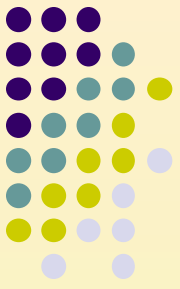
	Name ▾	Faculty/Department ▾	Major/Programme ▾	Status ▾
<input type="radio"/>	Dr. Ho Yu AU-YEUNG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Wing Tat CHAN	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Prof. Pauline CHIU	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Xiang LI	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Xiaoyu LI	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Kwan Ming NG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Jinyao TANG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Angela P L TONG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Yufeng WANG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	Dr. Jun YANG	Dept of Chemistry	Chemistry/Chemistry (Intensive)	Available
<input type="radio"/>	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

# 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 [pre-requisite / timetable clashes waiver](#)
  - ✓ Approval of [replacement course](#) (if a major/minor or major/major combination shares the same core course)
  - ✓ [Approved by **Chief Course Selection Adviser** only] Approval for [taking course load deviating from normal load](#) (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.**



# Faculty Academic Advising Team (cont.)



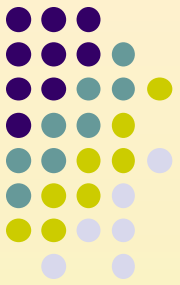
## ✓ Student Peer Advisers

- A group of dedicated senior students that serve as a contact point for freshmen regarding academic enquiries

<https://www.scifac.hku.hk/ug/current/advising/bsc/office#peer>

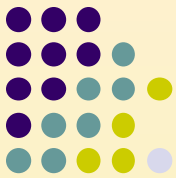
Student Peer Advisers will be available at the **'Student Peer Advising Corner' counter** at the Faculty Office during the add/drop period of the 1<sup>st</sup> semester of 2018-19 to answer your enquiries!





# 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](#)

**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

#### My Account

[Account Inquiry](#)  
[Bank Account Information](#)  
[Rpq Leave Information](#)  
[Rpq Studentship Details](#)  
[NLS Loan Information](#)  
[TSFS Loan Information](#)  
[Grant/Loan Application View](#)

#### 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. \*\***

[shopping cart ▶](#)

other financial...

#### Advisor

**Program Advisor**  
Kwong Pok Chow

[details ▶](#)

#### Other Links

[Guidelines and Forms](#)

### Personal Information

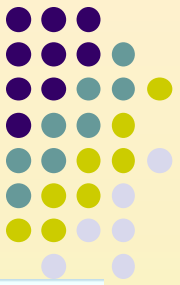
[Demographic Data](#)  
[Emergency Contact Names](#)

other personal...

#### Contact Information

<a href="#">Correspondence Address</a>	<a href="#">Home Address</a>
Lung Court, 33 Tin wan Praya Road, HK. <a href="#">Contact Phone</a> 21234567	Lung Court, 33 Tin wan Praya Road, HK. <a href="#">Campus Email</a> sistst02@hku.hk

# Student Center (cont.)



**SIS Main Menu**

Search: [input] [go]

- 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** go to ... [go]

[Plan](#) [Enroll](#) [My Academics](#)

### My Advisors

---

**Academic Program** BEd(LangEd)

Advisor Name
<a href="#">Kwong Pok Chow</a>

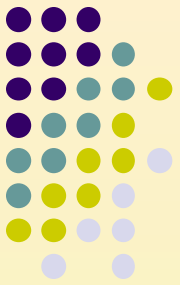
[Send E-mail](#)

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[Plan](#) [Enroll](#) [My Academics](#)

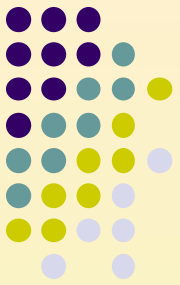
go to ... [go]

*Click the adviser name to send him/her an email*



# Course Selection

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



**August 23 – 28, 2018**

*Course selection period*

**September 3, 2018**

*1<sup>st</sup> semester starts*

**September 3 – 17, 2018**

*Course add/drop period (1<sup>st</sup> semester)*

**January 14, 2019**

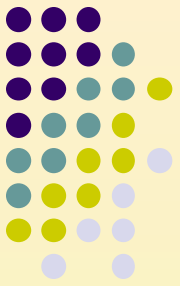
*2<sup>nd</sup> semester starts*

**January 14 – 28, 2019**

*Course add/drop period (2<sup>nd</sup> semester)*



# What you **MUST** do ...



## Step 1

- Select your courses for the 1<sup>st</sup> and 2<sup>nd</sup> 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)

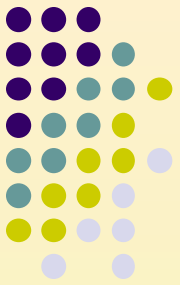
⇒ to the Faculty of Science Office

***\*only for the 1<sup>st</sup> semester of the 1<sup>st</sup> year of study***

**By 4 pm on  
Sept 17**

# Course Add/Drop Periods

## (August – September 2018 and January 2019)



On-line course selection system available for course selection (add/drop) **(Sep 3 / Jan 14, 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 3 – 17 / Jan 14 – 28)**

↓  
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

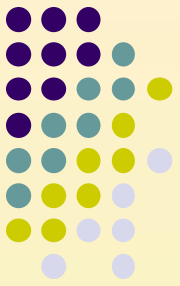
**Submission deadline: Sep 17, 4 pm**

↓  
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

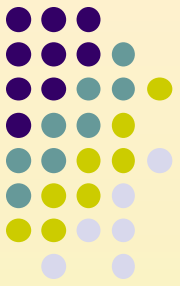
↓  
Check course selection status on-line **(Sep 22 / Feb 2, 10 am)**



# 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”.



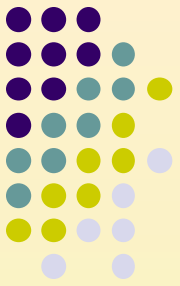
# Declaration of Major/Minor

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

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

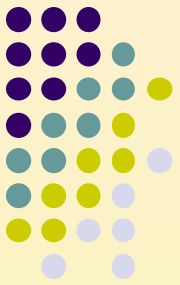


# Declaration of Major/Minor (cont.)



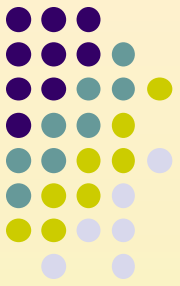
- Online course selection via **SIS** under the HKU Portal website (<https://hkuportal.hku.hk/>)
- You have to declare your **primary Science major** (and/or **minor(s)** and **2<sup>nd</sup> major (major 2)**) online during the course selection period in August **before the start of your third year 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 1<sup>st</sup> semester of the last academic year for graduation).*

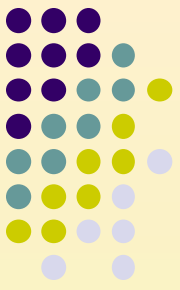


# Experiential Learning

# Experiential Learning Activities



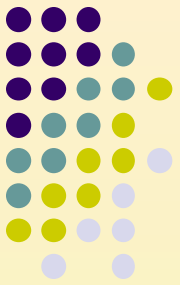
- To complement and enhance the curriculum so as to give students an all-rounded and holistic education;
- To require students to tackle real-life issues and problems by drawing on theoretical knowledge that they have learnt in formal curriculum;
- To address the limitations in lecture and classroom-based learning.



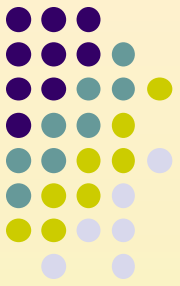
# Experiential Learning Activities (cont.)

- 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

# Project-based Learning



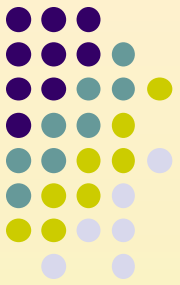
# Field Studies





# Exchange/Visiting/Summer Studies





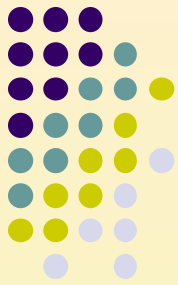
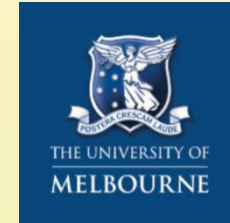
# Articulation Pathways (New)

# HKU BSc + UoMelb DVM

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

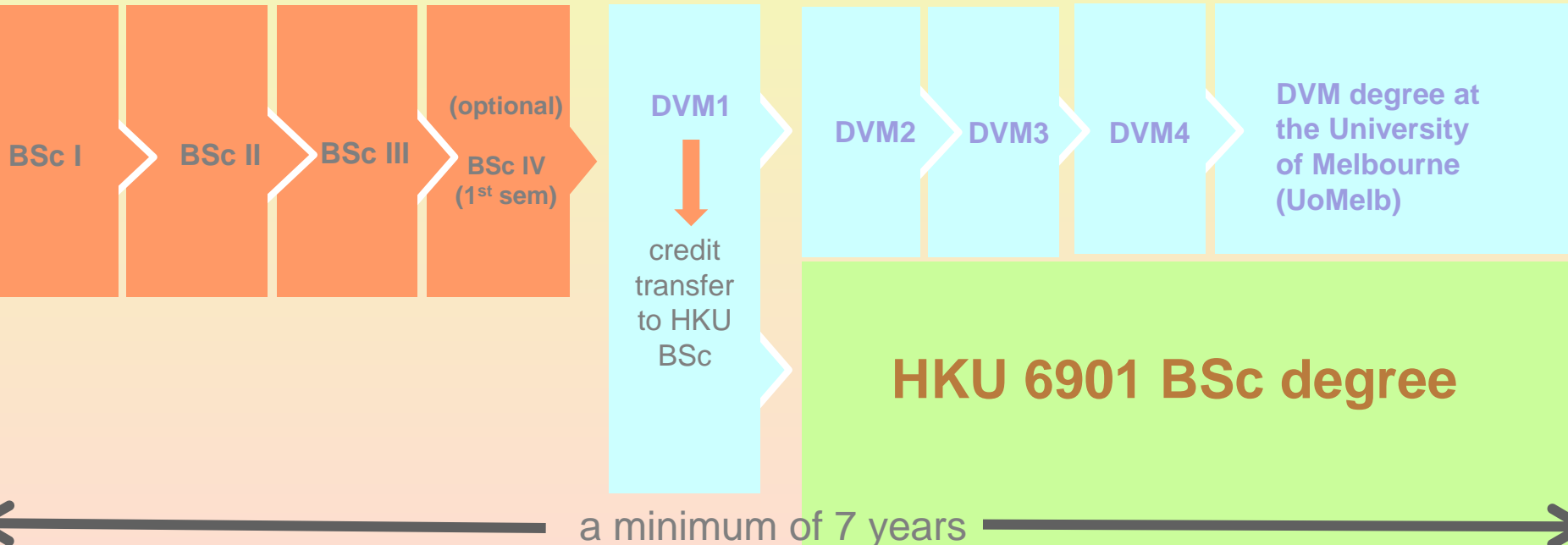


Provides a new pathway to talented students who aspire to pursue a career in veterinary



## HKU 6901 BSc

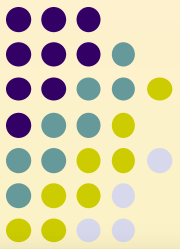
## Doctor of Veterinary Medicine (DVM) at the University of Melbourne (UoMelb)








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
-  Biological Sciences
-  Ecology & Biodiversity
-  Molecular Biology & Biotechnology
-  Food & Nutritional Science

## Prerequisite for application

**Gain 186 credits**

upon successful completion of at least 6 semesters



## Scholarship

to cover partial tuition fees of 1<sup>st</sup> year of study at UoMelb

**CGPA Requirement**

**≥ 3.45**

**Selection period**

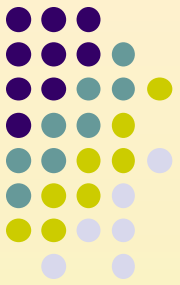
Year 3 of the study

**Quota**

up to 5 students every year

# 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 2018  
by Subject  
– Veterinary Science

# #15

## After completion

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



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

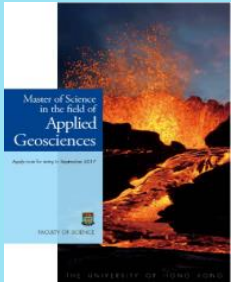


**Guaranteed admission** to the taught postgraduate programmes offered by the Faculty to selected outstanding science students

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



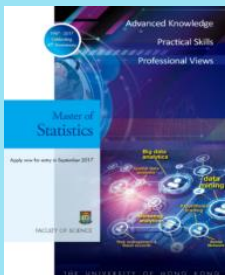
MSc in the field of Food Industry: Management and Marketing



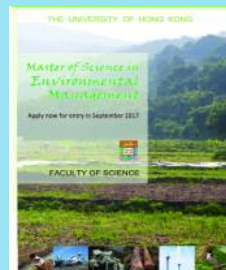
**CGPA requirement (at graduation)  $\geq 3.5$**

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

Master of Statistics



MSc in Environmental Management

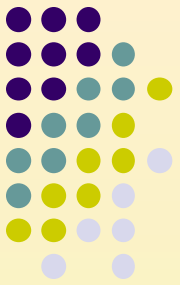


MSc in Data Science



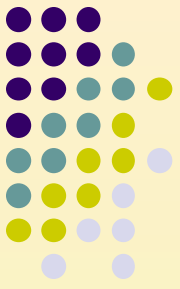
**Accepts applications from students completing Year 3**

**Scholarship for the TPg study**  
Students who are awarded the highest amount of scholarship will only need to pay 50% of tuition fee



# Plagiarism

# Plagiarism and Academic Honesty

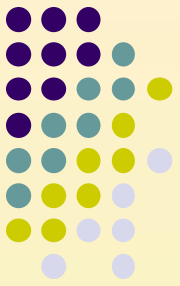


- An academic misdemeanour is a **SERIOUS** disciplinary offence.

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



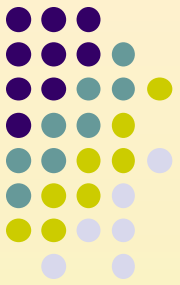
# Plagiarism (cont.)



The Faculty **DOES NOT TOLERATE**  
**PLAGIARISM.**

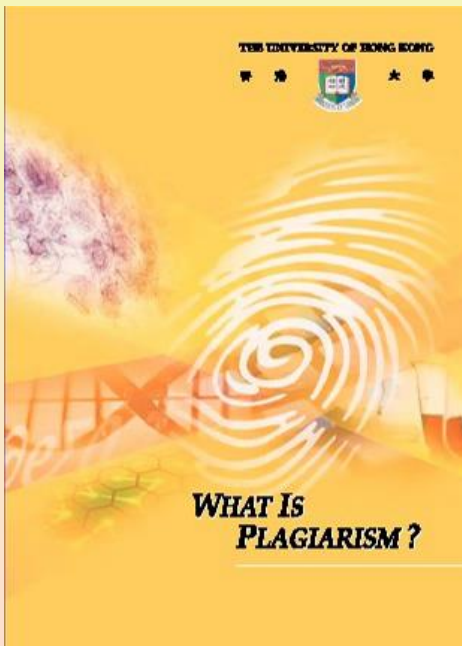
Commitment of **PLAGIARISM** could result in **SEVERE**  
**PENALTY AND DISCIPLINARY ACTION INCLUDING**  
**REPRIMAND AND DISCONTINUATION.**

# Plagiarism (cont.)

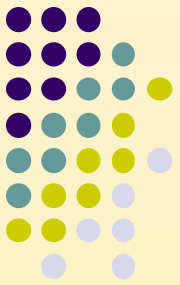


Details for plagiarism can be found in the Faculty of Science homepage (<https://www.scifac.hku.hk/>)

The screenshot shows the Faculty of Science website. The header includes the Faculty of Science logo and navigation links: About Us, Undergraduate, Postgraduate, Research, Community Engagement, and Alumni. The main content area is titled 'Examination & Prizes' and features a banner image of a hand writing on a document. Below the banner, a breadcrumb trail reads: Home > Undergraduate > Current Students > Examination & Prizes > Examination & Assessment > Academic Honesty. The 'Academic Honesty' page title is circled in blue. The page content includes a search bar and a list of links under the 'Undergraduate' section: Current Students, BSc, BSc (Actuarial Science), BEd&BSc, Academic Advising, Examination & Prizes, and Examination & Assessment. The main text discusses plagiarism as a serious problem, particularly severe in course assessment involving submission of report/poster/presentation, where students have been caught copying materials in bulk. It states that plagiarism is regarded as a very serious offence in the academic world, constituting academic theft. Below this, it mentions that plagiarism is a disciplinary offence and may be considered by the University's Disciplinary Committee for possible disciplinary action. A link is provided for a booklet titled 'What is Plagiarism?' available at <http://www.hku.hk/plagiarism>.



“*What is Plagiarism?*”  
available at <http://www.hku.hk/plagiarism>

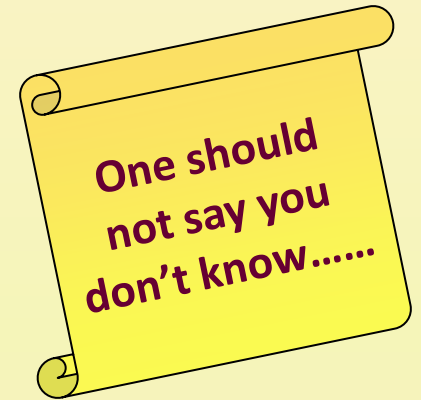


*In what situation I would  
be defined as having  
committed plagiarism?*

## **Copying**

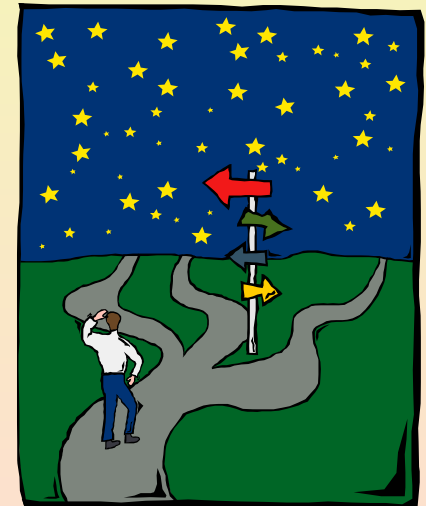
- Text
- Work
- Graphics

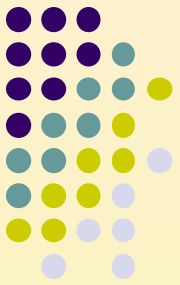
A mean of violating  
**Academic Honesty**



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

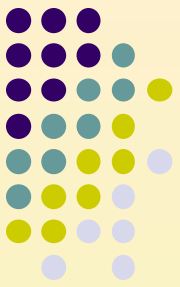
**When in doubt, talk to your  
Academic Adviser / Teacher /  
Tutor.**



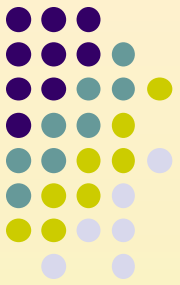


# Disciplinary Issues

# Disciplinary Issues

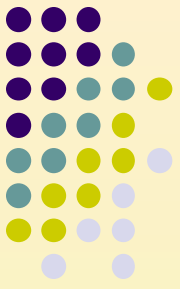


- Besides plagiarism, you should be aware of your **conduct, behaviour** and always **uphold your integrity**.
- **NEVER** attempt cheating, falsification of documents.
- Any disciplinary infringements will be considered by the Disciplinary Committee; ***penalty ranges from reprimand to expulsion from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

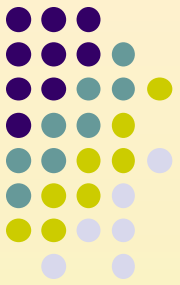


# **Inclusive Language in Academic Work**

# Inclusive Language in Academic Work



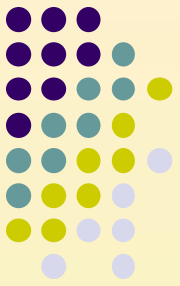
- Awareness and sensitive to the use of language
  - To generate more thoughtful and respectful use of language
  - To reduce discrimination by promoting a balanced and considerate engagement with social diversity
  - To avoid words and phrases that stereotype, marginalise and demean social groups
- <https://tl.hku.hk/2018/07/use-of-inclusive-language-in-academic-work-a-guideline-for-undergraduate-and-taught-postgraduate-students/>



# Regulations on Discontinuation

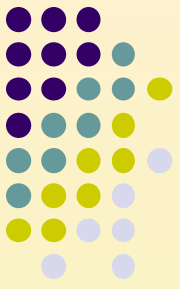


# Progression and Discontinuation



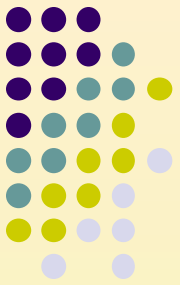
- The Faculty stresses the importance of the academic performance of students. Students who do not perform satisfactorily may be recommended for discontinuation of their studies.
- Sc5(h) Candidates shall be recommended for discontinuation of their studies if they have:
  - (i) failed to complete successfully 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 (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.

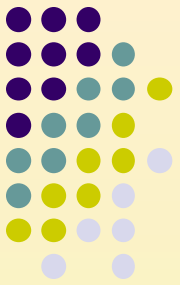
# How does the Faculty contact you?



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

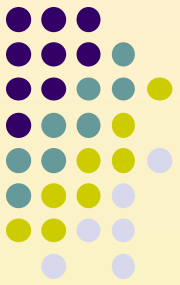
**Please keep the Faculty **updated** of your **contact information** (e.g. telephone, personal email, address) in your SIS account!!!**

# Useful Contact



- **Faculty of Science Office**
  - Address: G/F, Chong Yuet Ming Physics Building
  - Email: [science@hku.hk](mailto: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)**

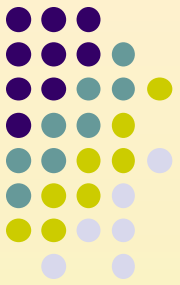
- Counselling & Person Enrichment / Careers & Placement / Campus Life / Student Development



✓ **University Health Service (UHS)**

- Health issues

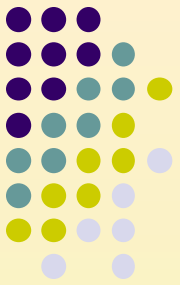




# Reminder

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

***by August 15, 2018 (Wednesday)***



***- Thank you -***

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