

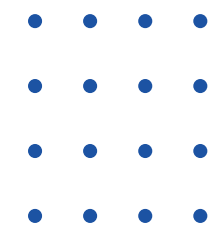


SLS Citizenship Portfolio Programme Orientation

Dr. Alvin Tang



School of
Life Sciences
THE CHINESE UNIVERSITY OF HONG KONG





Eligibility



- Only **Year 1** students under the Faculty of Science are eligible
- They will choose a major under the School of Life Sciences

Biology

Cell and Molecular Biology

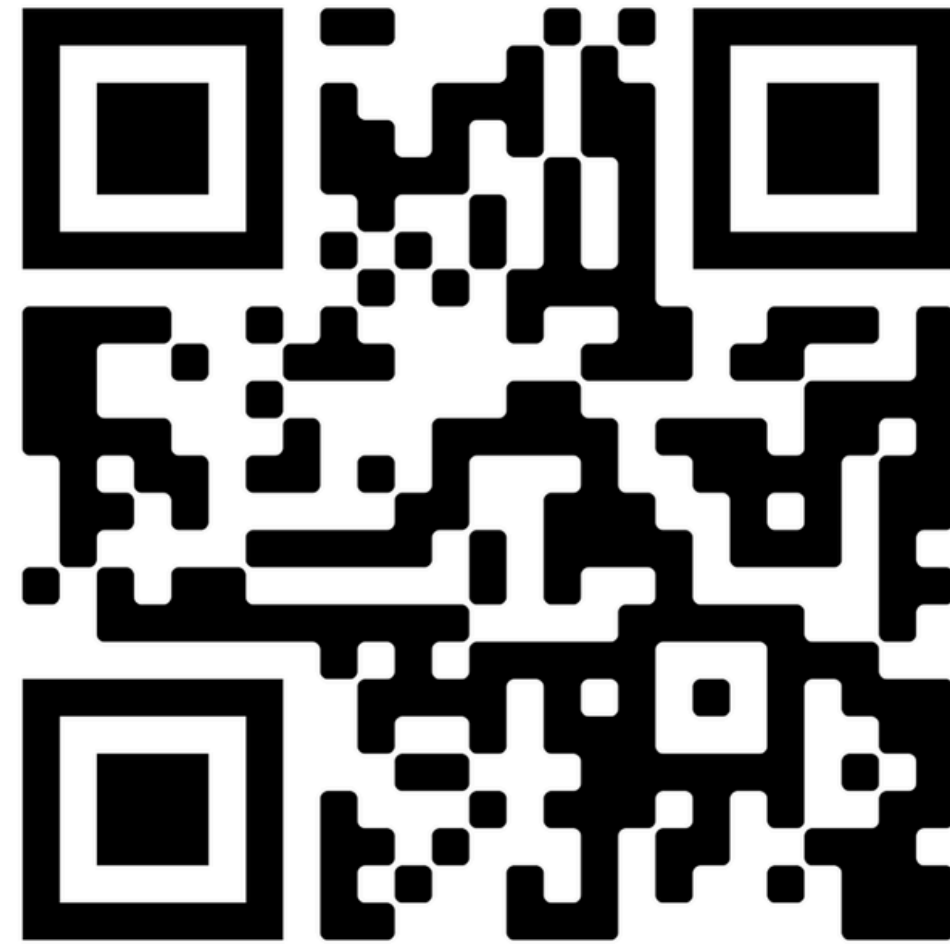
Biochemistry

Molecular Biotechnology

**Biology & Chemistry
Double Major**

Food and Nutritional Sciences

Registration for SLS-CiPo



SLS Citizenship Portfolio (SLS-CiPo)

***“Elevate your university journey—
immerse in life science experiences that
spark **curiosity**, nurture **passion**, and
connect you to the **scientific community**.”***



School of
Life Sciences
THE CHINESE UNIVERSITY OF HONG KONG



SLS Citizenship Portfolio (SLS-CiPo)



- **Boost** student engagement in SLS events and activities.
- **Recognize** and **reward** participation through a structured, tiered award system.
- **Encourage** exploration of diverse opportunities within School of Life Sciences, including school-organized events, teaching program-organized activities, and scientific research activities.
- **Enhance** students' employability through reflective practices and portfolio-building.

SLS Citizenship Portfolio (SLS-CiPo)



The SLS-CiPo organizes activities into three distinct categories to ensure broad exposure to various aspects of life sciences. These categories include:

- **(SA) School-related Activities:** Participate in School events such as field trips, or educational programs organized by SLS.
- **(PA) Programme-related Activities:** Engage in events or projects specific to teaching programs, such as career talk, academic advising, academic advisor-advisee social gathering, program outreach events etc... (food manufacturer visit, site visit... etc.)
- **(SS) SLS Scientific Seminars:** conduct laboratory research, attend lectures, webinars featuring cutting-edge research or industry insights, hosted by SLS.

Cell and Molecular Biology

Biology

Molecular Biotechnology

Biochemistry

**Biology & Chemistry
Double Major**

Food and Nutritional Sciences

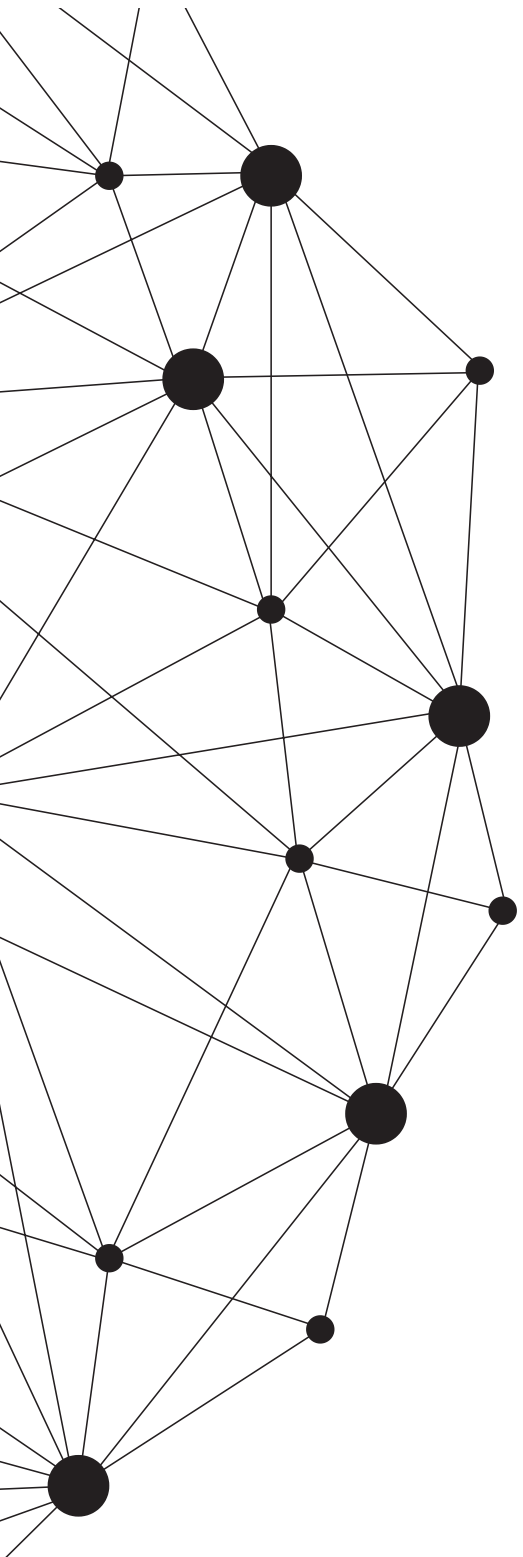
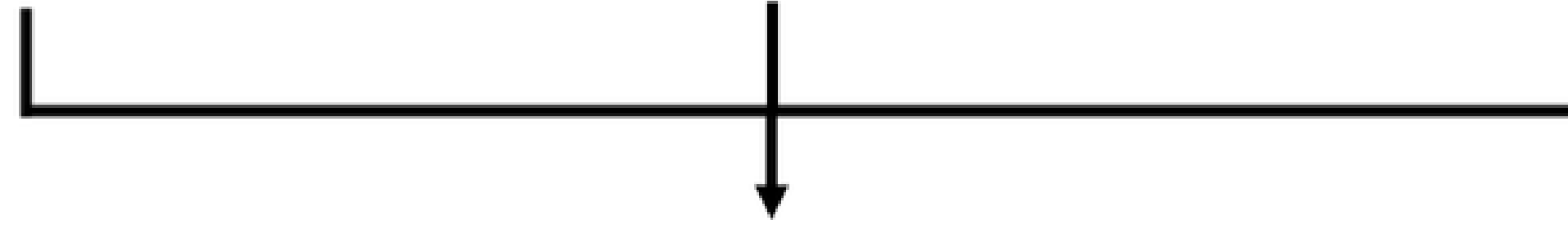


School of
Life Sciences
THE CHINESE UNIVERSITY OF HONG KONG

Program Activities
(PA)

School Activities
(SA)

Scientific Seminars
(SS)



Building Your SLS-CiPo

Elevate Your University Journey

Quintessential

1 Starting Point – Year 1 (AY25/26)

What challenge are you trying to solve?

SLS Activities

Programme
Activities

Scientific
Seminars

3 Nurture passion

Discover what excites you
through active
involvement and
reflection

4 Connect you to the scientific community

Build networks with peers,
faculty, and professionals in life
sciences.

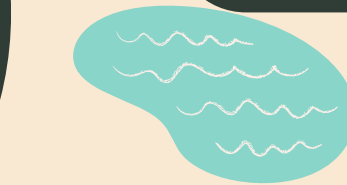
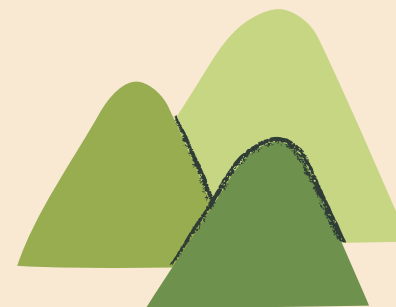
5 Increase employability

Develop transferable
skills and practical
experience for future
careers.

2 Spark Curiosity

Explore new topics, ask
questions, and follow
your scientific interests.

University
Portfolio



● SLS-CiPo Key Attributes

Student engagement

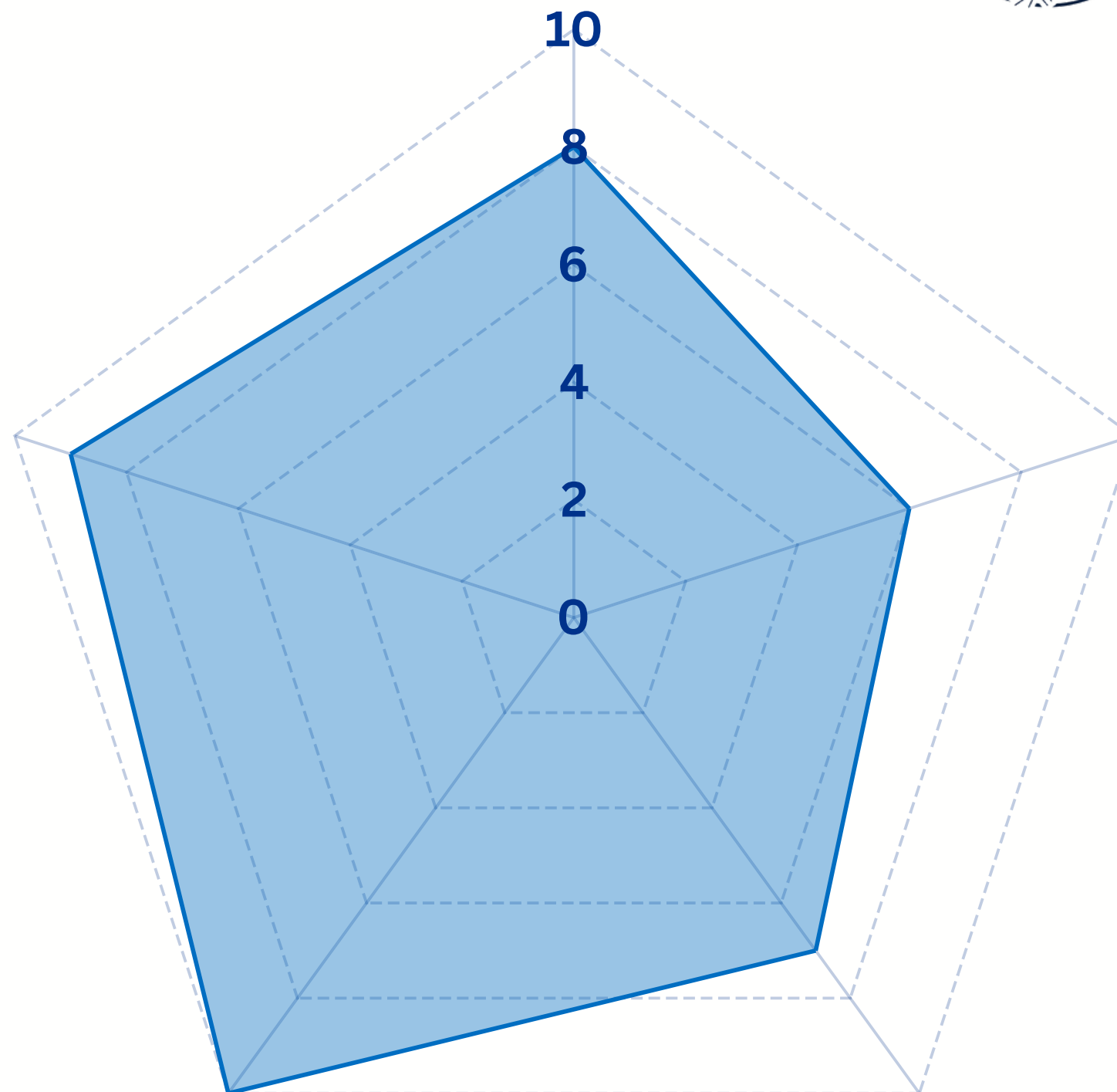


Employability skills

Scientific curiosity

Experiential learning

Networking and
professional
connections



SLS Citizenship Portfolio (SLS-CiPo)



Tier 1: SLS Citizen (Entry-Level Recognition)

- **Requirements:** Participate in at least one event (@3 points) from each of the three activity categories

(SA) School-related Activities 3 points

(PA) Programme-related Activities 3 points

(SS) SLS Scientific Seminars 3 points

Total: 9 points

- **Recognition:** Official designation as an "SLS Citizen".



SLS Citizenship Portfolio (SLS-CiPo)



Tier 2: SLS Merit (Intermediate Recognition)

- Requirements:

(SA) School-related Activities 6 points

(PA) Programme-related Activities 6 points

(SS) SLS Scientific Seminars 6 points

Total: 18 points

- Recognition: "SLS Merit" award on the SLS Portfolio.



SLS Citizenship Portfolio (SLS-CiPo)



Tier 3: SLS Winner (Highest Recognition)

- **Requirements:** You must attend at least 10 events in any combination of the below categories, and achieve at least the listed minimum 6 points in each category..

(SA) School-related Activities

9 points

(PA) Programme-related Activities

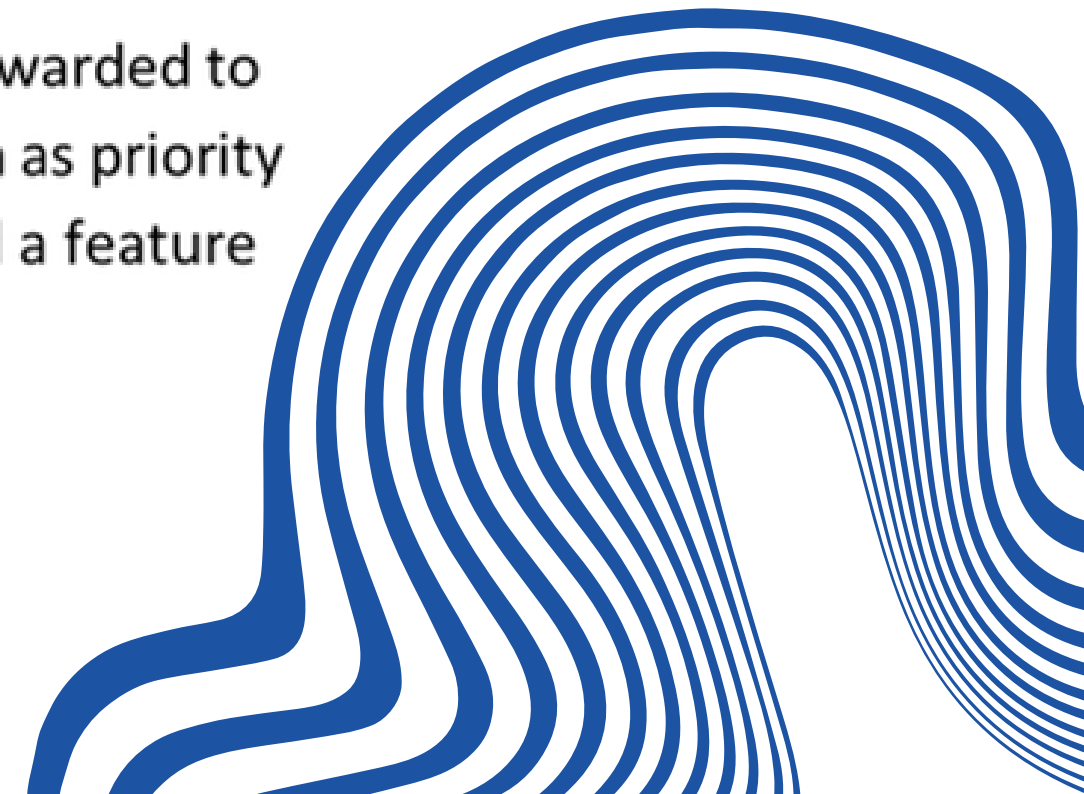
9 points

(SS) SLS Scientific Seminars

12 points

Total: 30 points

- **Recognition:** Prestigious "SLS Winner" award on the SLS Wall of Fame, awarded to up to two students annually. Recipients receive additional benefits, such as priority access to SLS mentorship programs, networking events with alumni, and a feature in the SLS news.



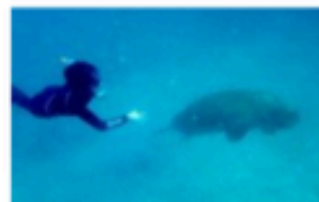
Welcoming Reception



Any out-of-classroom opportunities and activities offered SLS students?

Scientist Mentorship And Research Training (SMART)

SLS students can undertake laboratory safety training and work on a research topic during summer and receive a stipend in recognition of their contributions.



University Student Sponsorship Programme (USSP)

SLS students can go on a 2-week overseas trip to participate in conservation projects led by Ocean Park Conservation Foundation Hong Kong.

Berkeley Biosciences Study Abroad (BBSA) Programme

SLS students can do research internship and study at University of California, Berkeley with a sponsorship covering 12 units of tuition and other study-related fees for each participant. Students are responsible only for their airfare and living expenses.



Exchange Programme of University of Manchester

SLS has established formal exchange collaboration with the Faculty of Biology, Medicine and Health of the University of Manchester. Selected SLS students can go on exchange to the University of Manchester for one or two semesters.

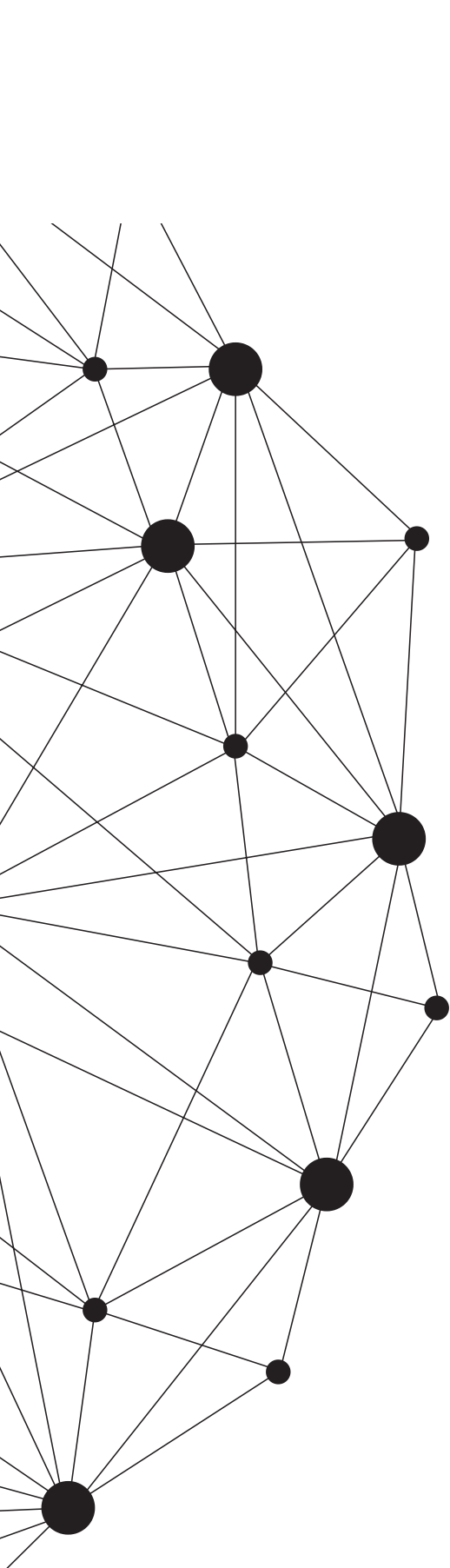
Dedicated Research Exchange And Scholarship (DREAM)

SLS students can first receive research training at CUHK before traveling abroad to conduct research projects in foreign laboratories or corporations in countries such as the United States, United Kingdom, South Korea, Taiwan, Argentina and Germany.



International Genetically Engineered Machine (iGEM) Contest

iGEM is the world's largest synthetic biology competition for multidisciplinary teams building innovative biological systems. Backed by a strong history of Gold Medal wins, the School continues to provide financial support and intensive workshops to train and guide student candidates.



Overview of Our Programmes under SLS

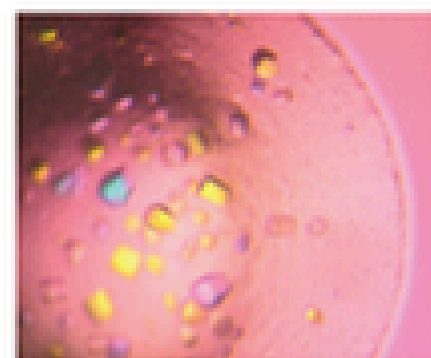
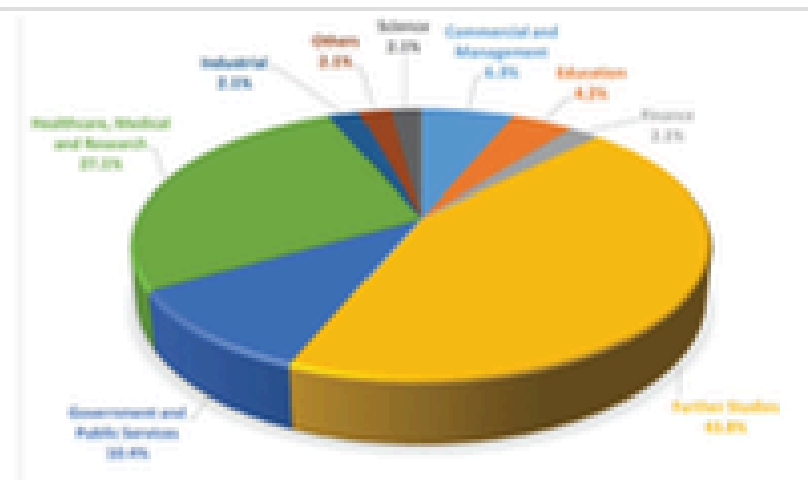
- **Biochemistry (BCHE)**
- **Biology (BIOL)**
- **Biology & Chemistry Double Major (BICH)**
- **Cell and Molecular Biology (CMBI)**
- **Food and Nutritional Sciences (FNSC)**
- **Molecular Biotechnology (MBTE)**



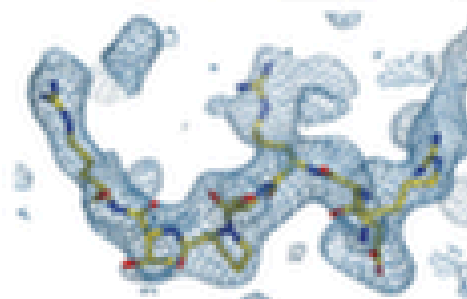
Professor Edwin
H.Y. Chan

Director of School of Life Sciences

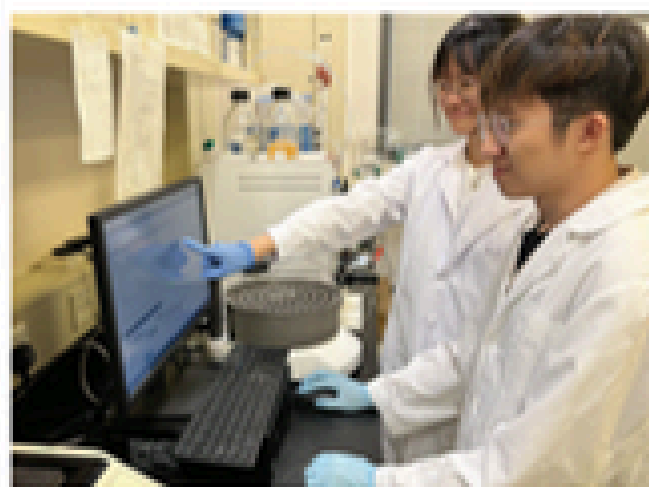
Biochemistry



Protein crystals under a microscope



Electron density map determined by X-ray crystallography



Study Schemes



Programme Director:
Prof. Jacky CK Ngo



Associate Programme Director:
Prof. KF Lau



Assistant Programme Director:
Dr. Patrick HK Ngai

Curriculum Highlights

- Current topics in biochemistry and molecular biology that have scientific, medical, and social significance.
- Academic and experiential learning in four key areas: structural biology, chemical biology, synthetic biology, and health and well-being.
- Hands-on experience through a year-long laboratory course on cutting-edge biochemical techniques.
- Scientific literacy skills and preparations for professional career development.



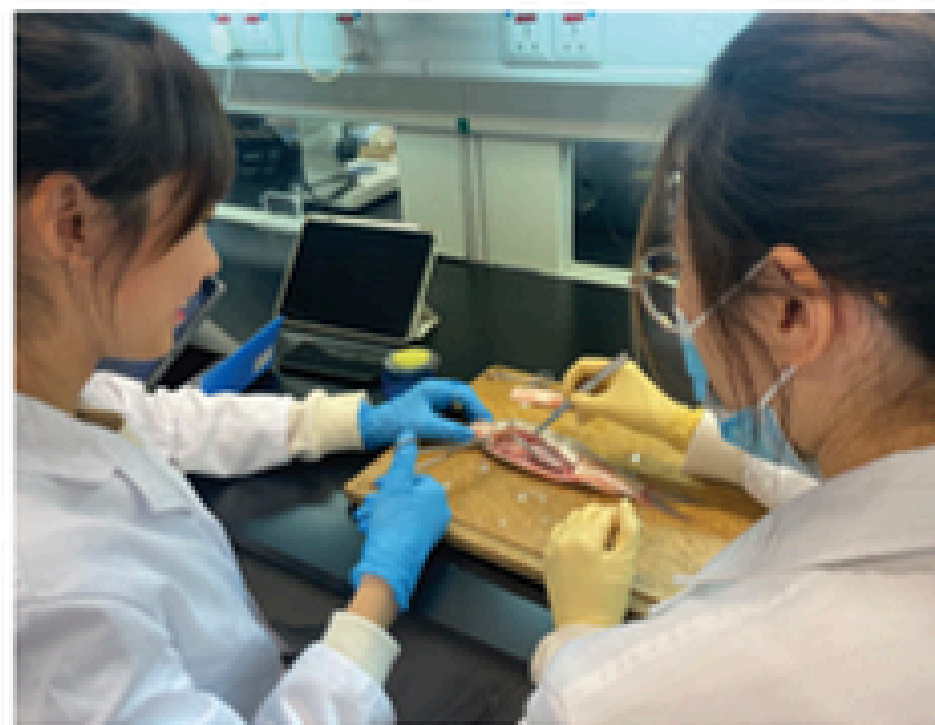
Biology

Study Schemes



Curriculum Highlights

- A broad scientific disciplinary programme focusing on academic and experiential learning in four key areas: Biodiversity and organismal biology (animals, microorganisms, plants), evolution, ecology, and ecosystems (freshwater, marine, terrestrial), Sustainability and conservation and teaching and public understanding of science.
- Three recommended packages based on the different combinations of the courses offered by the programme to fit students' career plans: Biodiversity and conservation biology, Biology for teaching career, and Environmental biology.



Year-long Biodiversity Lab on plant and animal diversity



Programme
Director:
Prof. Jerome
HL Hui



Associate
Programme
Director:
Prof. LM
Tsang



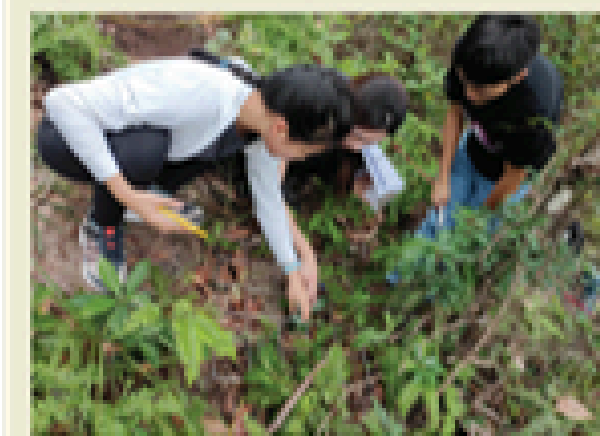
Assistant
Programme
Director:
Miss KM Yam

Director's message

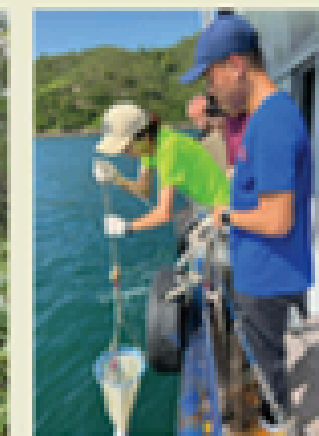
Over the last six decades, it has always been, and continues to be, our goals in achieving excellence in teaching, carrying out breakthrough research, and performing community services. In terms of teaching, our programme continues to train and equip our students to have fundamental and advanced knowledge of modern biological sciences. With our comprehensive curriculum, our graduates develop their careers in different job sectors including secondary and tertiary institutions, government, non-government organisations and the private sector.



Chek Jawa Wetlands, Singapore



Plantation woodland at Sai Kung East Country Park



Tolo Channel and Harbour

BIOLOGY AND CHEMISTRY DOUBLE MAJOR



Conscientiously devised by the Faculty of Science, School of Life Sciences and Department of Chemistry, the Bachelor of Science in Biology and Chemistry Double Major Programme is planned to equip students with enhanced broadness and diversity in both fields. In light of the prevalent trend of the transformation to a knowledge-based economy, there is a proliferating demand of highly-educated scientists who has an interdisciplinary scientific expertise.

It is believed that this programme will be capable to cope with this particular demand by nurturing a group of students with cutting edges in both workforce and academia.

Directors' Messages

The B.Sc. in Biology and Chemistry Double Major Programme aims to equip high-calibre students with knowledge in both Biology and Chemistry within four years. Graduates will be able to work in job sectors/pursue further studies in Biology, Chemistry, or fields requiring both Biology and Chemistry. We look forward to seeing you soon.

Prof. Hui Ho Lam Jerome, School of Life Sciences

The B.Sc. in Biology and Chemistry Double Major Programme provides students with a taste of multidisciplinary scientific training to anticipate the collaborative research environment.

Apart from robust scientific knowledge, students may receive the final year project supervision from Biology and Chemistry scholars to equip them with cross-disciplinary research skills.

Prof. Ngai To, Department of Chemistry



Programme Director
Prof. Jerome
HL. Hui



Programme Director
Prof. Ngai
To



Curriculum highlights (Why Biology X Chemistry?)

Knowledge & Training

- To be equipped with a broad scientific knowledge ranging from quantum chemistry, atoms, molecules, cells, physiology, biodiversity, ecology to evolution.
- To be trained with technical and analytical skills from both biology and chemistry disciplines.



Cross-disciplinary Research

- To enjoy ample opportunities to take research method courses and final year projects supervised by professors from both units.
- To immerse in an environment that can receive the bona fide cross-disciplinary training in research.

Professional Development

- To be equipped with cross-disciplinary scientific skills.
- To develop enhanced adaptability and employability in multiple job sectors.

Cell and Molecular Biology



**Programme
Director:**
Prof. BH Kang



**Associate
Programme
Director:**
Prof. KM
Kwan



**Assistant
Programme
Director:**
Dr. Alex Koon

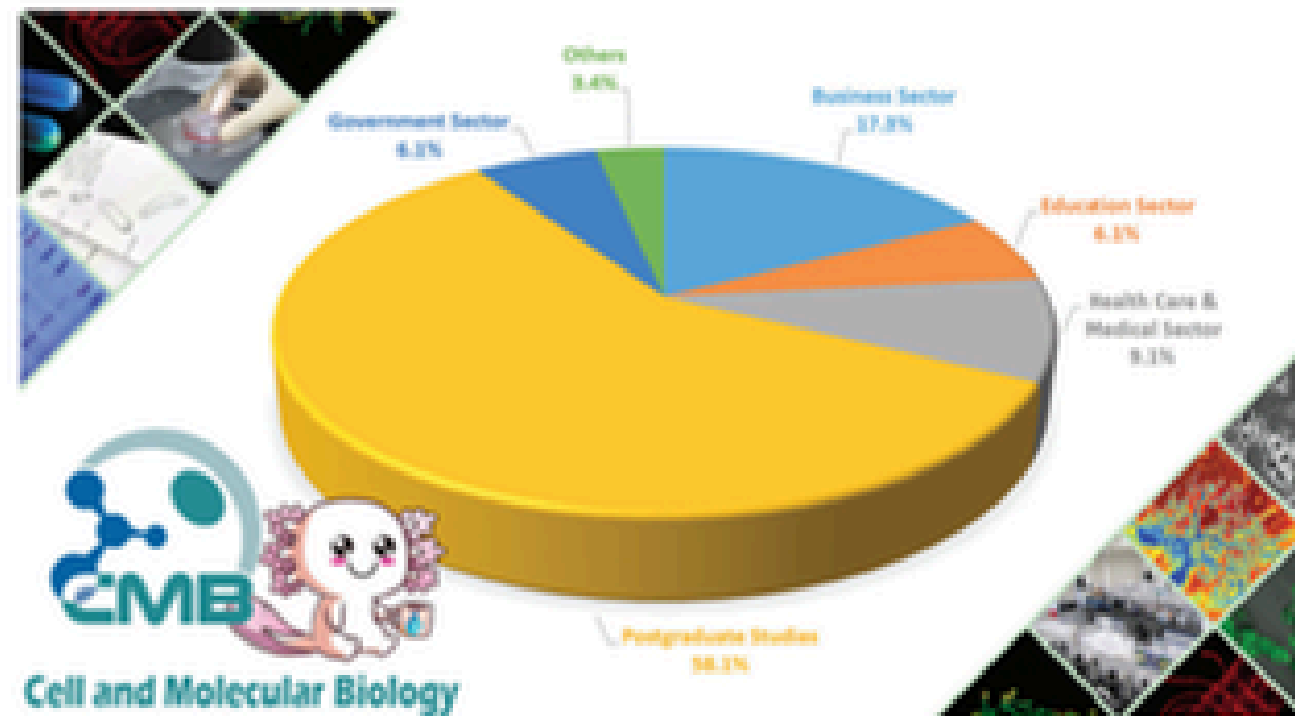
Study Schemes



Curriculum Highlights

- Student-oriented capstone courses using an one-to-one mentoring approach
- Intensive project-based laboratory training
- An integrated programme covering cutting-edge research topics in cell and molecular biology on top of a solid knowledge base in life sciences
- Communication skills and problem-solving skills essential for further studies, career development and lifelong learning

Career Prospects



Food and Nutritional Sciences

Curriculum Highlights

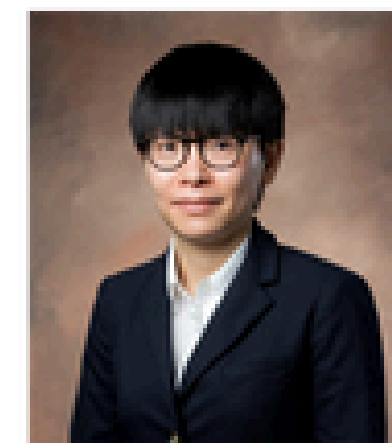
- FNSC Nutritionist Stream is **the first programme in Hong Kong accredited by the UK Association for Nutrition (AfN)**, ensuring international recognition and professional credibility.
- Our curriculum is designed to **support students who wish to pursue further studies in dietetics**, providing a solid academic foundation and smooth transition into professional training programmes.
- Students benefit from extensive exposure to real-world work settings through internships and practicum opportunities in industry, clinical, and academic environments—**enhancing employability and practical skills**.
- **Over 70% of the FNSC students would have internship opportunities** in the industry, clinical or academic settings, allowing them to have outside classroom experiences.
- The programme **offers a variety of experiential learning activities**, including overseas study trips, providing students with broader perspectives and hands-on experiences beyond the classroom.



Baking Workshop, 2025



FNS Oversea Trip to Korea, 2019



Programme
Director:
Prof. Faye S.Y.
Tsang

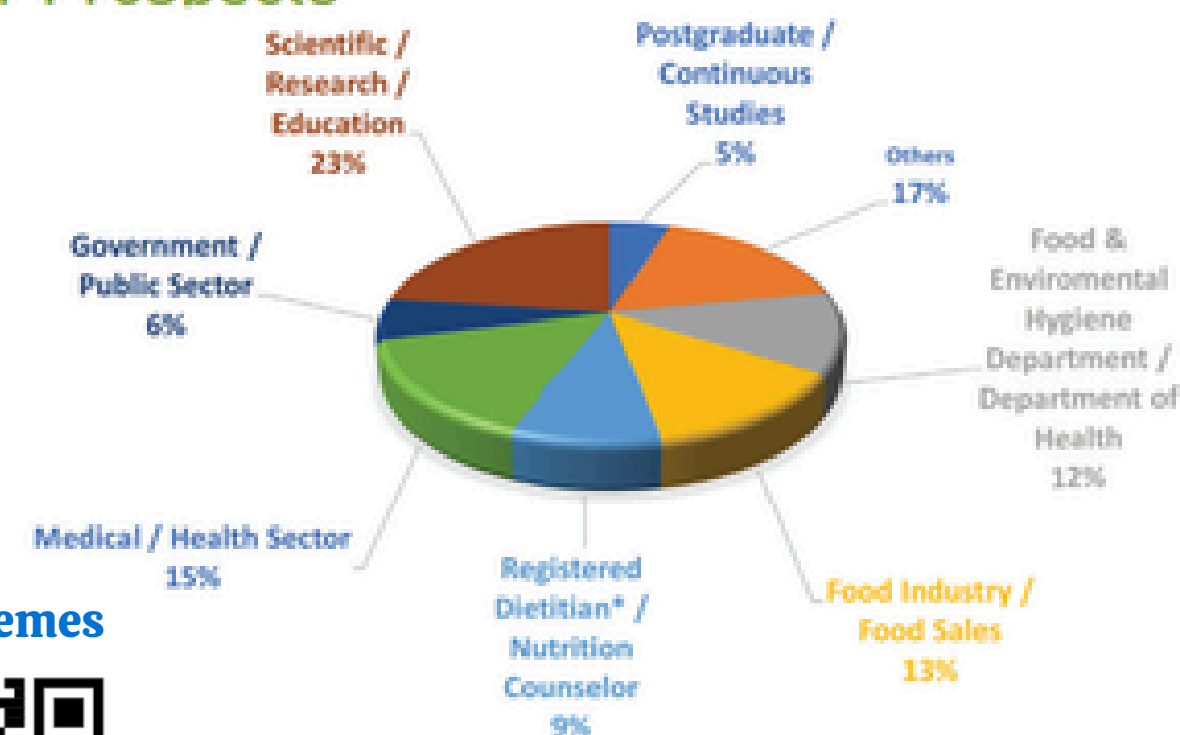


Associate
Programme
Director:
Prof. Cheng
Li



Assistant
Programme
Director:
Ms Peggy PS YIP

Career Prospects



Study Schemes



*Required further training in dietetic
Data obtained in 2025

Molecular Biotechnology

The Molecular Biotechnology (MBTE) Programme offers a unique blend of scientific training and real-world experience. Students build a solid foundation in molecular biology, genetics, and biotechnology, while benefiting from extensive internship opportunities — from cutting-edge research placements in overseas institutions to industry attachments and even legal internships related to biotechnology innovation. This diverse exposure, combined with rigorous academic and laboratory training, equips our graduates with the knowledge, skills, and perspective to drive innovation in science, education, and the bio-based economy.



**Programme
Director:**
Prof. T.F. Chan



**Associate
Programme
Director:**
Prof. Martin TK
Tsui



**Assistant
Programme
Director:**
Dr. L. Siow

Study Schemes



Research Areas

Plant Cell &
Agricultural Biology

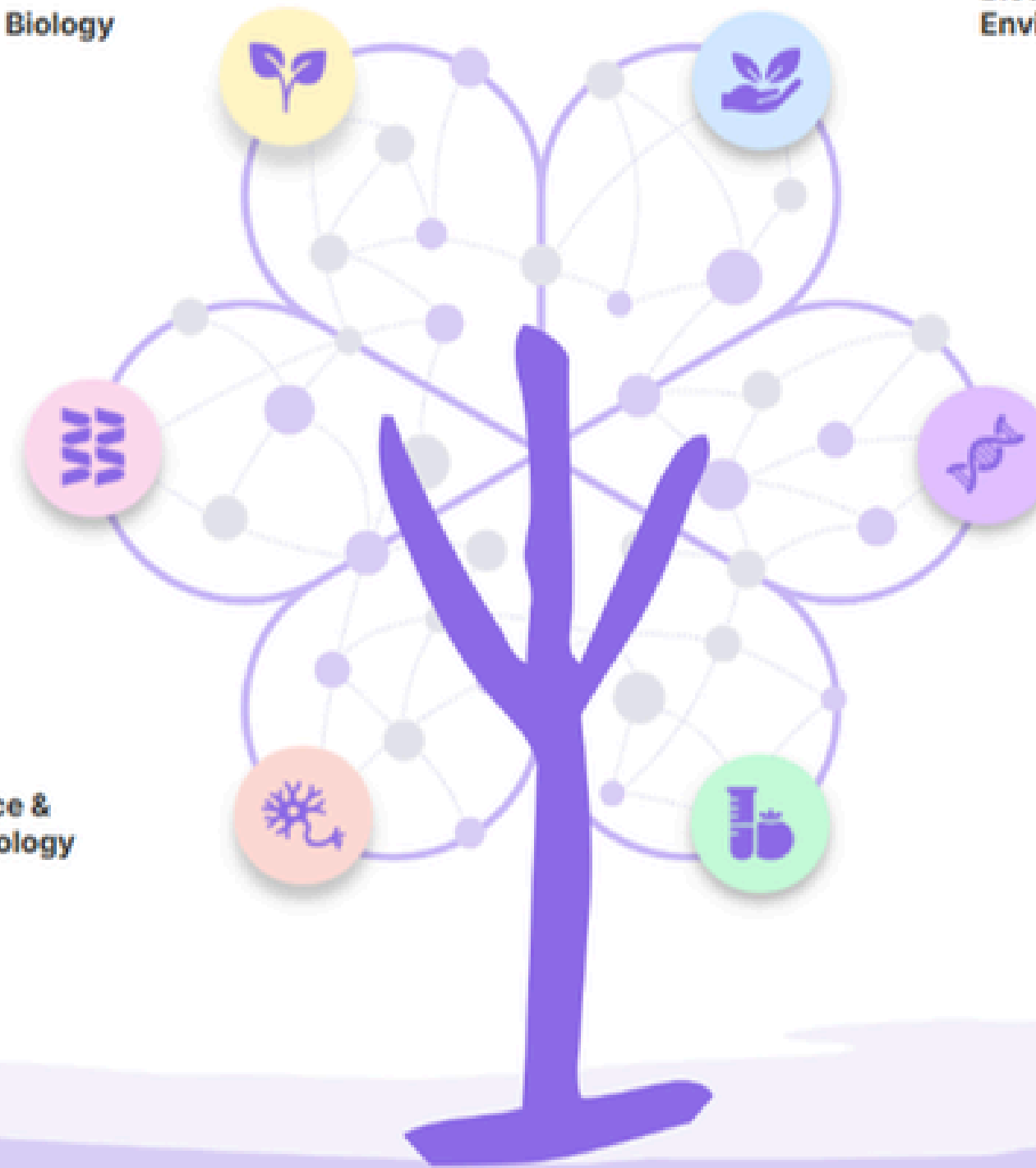
Biodiversity, Conservation &
Environmental Sciences

Structural Biology &
Protein Science

Genomics &
Bioinformatics

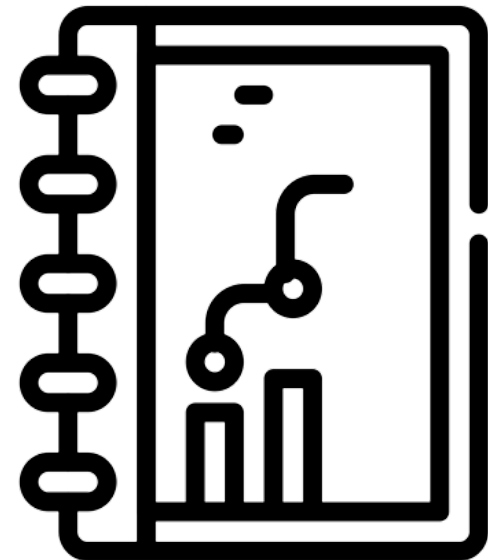
Neuroscience &
Stem Cell Biology

Food &
Nutrition





Activities Overview



- **SLS Student Sharing**
- **CV Writing Workshop**
- **Pet Therapy**
- **Field Trips**
- **Programme-related Seminars**
- **Alumni Sharing**
- **Science Workshops**
- **Conference and Symposium**

Is there a dedicated space on campus where I can study, relax, and hang out with other students?

Yes! The CiPo Room (Science Centre East Block, Room 103) is a dedicated common room for freshmen interested in Life Sciences. It's a comfortable spot to study, unwind, and connect with fellow students and teachers.



Honorary and Emeritus
Croucher Symposium on Stem Cells and Neurological Diseases Students

Contact Us
Date & Time:
4 - 5 December 2026





2026 Hong Kong Croucher Symposium on Stem Cells and Neurological Diseases

Plenary Lectures by:

Clotilde Lagier-Tourenne <i>Massachusetts General Hospital and Harvard Medical School</i>	Kevin Talbot <i>University of Oxford</i>	Michael Hayden <i>University of British Columbia</i>
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Invited Speakers:

Ahmad Al Khleifat <i>King's College London</i>	Rickie Patani <i>National University of Singapore</i>
Ke Zhang <i>Shenzhen Bay Laboratory</i>	Ruilin Tian <i>Southern University of Science and Technology</i>
Linda Shen Gu <i>The Chinese University of Hong Kong</i>	Shuying Sun <i>Johns Hopkins University</i>
Mahmoud Pouladi <i>University of British Columbia</i>	Zhefan Stephen Chen <i>The Chinese University of Hong Kong</i>
Manho Kim <i>Seoul National University</i>	

» **4 - 5 Dec 2026 (Fri & Sat)**

» **LT1 & LT2,
Yasumoto International Academic
Park (YIA)**

» **The Chinese University of Hong Kong
(CUHK)**



**PROGRAM RUNDOWN
& REGISTRATION**
(OPENS ON 1 AUG, 2026)



The **SLS Citizenship Portfolio** empowers students to become active, well-rounded members of the SLS community by engaging in diverse experiential and learning activities, fostering skills and connections that **last beyond their university years.**



cuhk_sls ...

School of Life Sciences CUHK

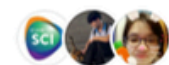
307 posts 1,461 followers 43 following

Education

Strive for Excellence in Education and Research.

#CUHKScience #CUHKLifeSciences #LifeSciences #SchoolofLifeSciences... more

linktr.ee/sls_cuhk



Followed by cuhkscience, tlk_tlk_tlk_ + 10 more

Following ▾

Message



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