



# HKUer or Cantab?

## HKU-Cambridge Undergraduate Recruitment Scheme (Natural Sciences)

Cambridge-Track for Selected YSS Participants in Natural Sciences Disciplines

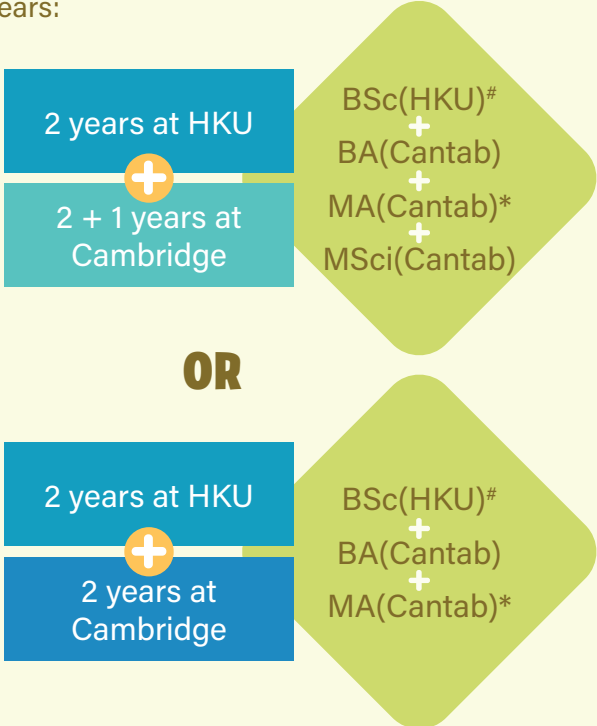
### SPECIAL FEATURE



## Why not BOTH?

Earning 3-4 degrees upon successful completion of 2 years of studies at HKU and 2-3 years of studies at Cambridge

Selected students can follow either of the paths below and attain degrees from both HKU & Cambridge in 4-5 years:



<sup>#</sup>Regular major will be listed on transcript when conferring BSc(HKU) to 6688 students.  
<sup>\*</sup>The MA is conferred by right on holders of the BA degree at Cambridge, upon application after certain years' seniority as members of Cambridge.

### THE TRACK

A joint recruitment scheme that allows selected YSS students to pursue studies in two renowned universities

Allows students to study abroad and experience life and culture overseas

Nurtures future science professionals to develop innovative solutions for global challenges

Ample learning opportunities facilitated by YSS:

- Summer Research Fellowship
- Overseas Research Fellowship
- International scientific conference
- Guidance by a research mentor

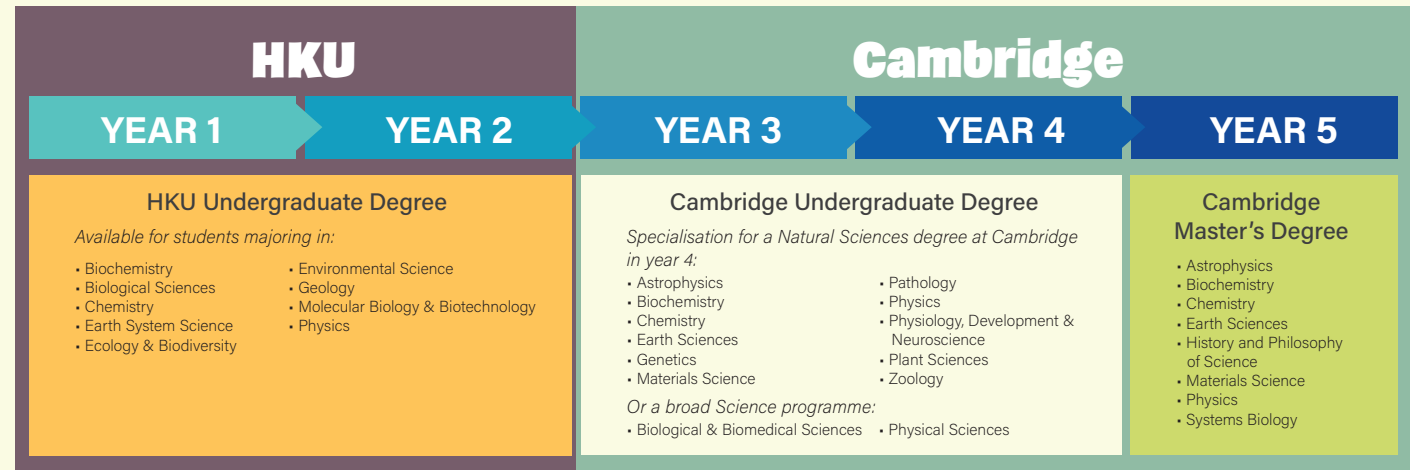
## Curriculum

Selected students will study a broad range of Science courses in Years 1 and 2, in order to best prepare themselves for their Cambridge studies.

		Students taking Master's degree at Cambridge	Students NOT taking Master's degree at Cambridge
CREDITS SUMMARY AT HKU	4 Common Core Courses + 2 English language enhancement requirements + 1 Chinese language enhancement requirement	42	42
	Disciplinary courses in the BSc Major	48	48
	3-4 Mathematics courses to align with Cambridge <sup>*</sup>	18 or 24	18 or 24
	Free electives <sup>*</sup>	36 or 30	36 or 30
	Research internships	0	24
	Sub-total	144	168
CREDITS TRANSFERRED FROM CAMBRIDGE	2 Years of undergraduate study	120	120
	1 Year of taught postgraduate study	24	nil
	Sub-total	144	120
	Total	288	

<sup>\*</sup>The total number of credits of Mathematics courses plus free electives is 54

## Study Path for YSS Students in the Cambridge Scheme (2+2+1) Mode



Remarks:

1. Students will study 3 science subjects in Year 3 to get prepared for the specialisation in Year 4.

2. Students who do NOT opt for a Master's degree at Cambridge will take extra research internships at HKU to fulfill the University's graduation requirements.

3. Students will pay HKU fees and Cambridge fees for their study at HKU and Cambridge, respectively.

## How to Enrol in the Cambridge-track<sup>\*</sup>

### Requirements for JUPAS students:

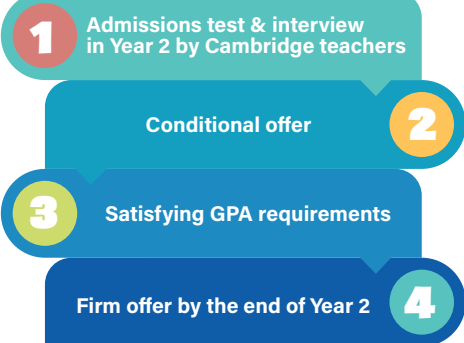
JUPAS Band A applicants of 6901 Bachelor of Science and 6688 Science Master Class Programmes will be invited to indicate their interest in the Cambridge-track by January 2025. Shortlisted applicants will be invited to an admissions test and an interview after HKDSE.

Extended Modules 1 or 2 in Mathematics (M1/M2), and level 5 or above in English are required. Students who perform well in the admissions test and interview, and achieve a HKDSE score of 35 or above in their best 5 HKDSE subjects (Category A subjects, M1/M2 must be included)<sup>\*</sup> will be placed on the track.

### Requirements for non-JUPAS students:

Non-JUPAS applicants will be considered on a case-by-case basis. Higher level Mathematics is required for IB students. For GCEAL students, Mathematics and Further Mathematics are required. Excellent results in Mathematics are required for students with other qualifications. Selected applicants will be invited to an admissions test and an interview. Those who perform well will be able to enroll in the Cambridge-track. No application is necessary.

## Admissions of Students on the Cambridge-track to Cambridge




[bit.ly/3CMpljx](https://bit.ly/3CMpljx)  
Cambridge-track at YSS




[bit.ly/3q5hsGb](https://bit.ly/3q5hsGb)  
Natural Sciences Tripos at Cambridge

<sup>\*</sup>Number of students selected for each cohort normally will not exceed 60% of YSS population.



FACULTY OF SCIENCE  
THE UNIVERSITY OF HONG KONG  
香港大學理學院




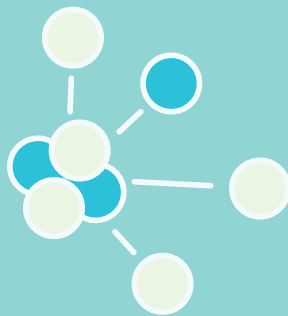

# YOUNG SCIENTIST SCHEME



for students in the **6688** Bachelor of Science & Master of Research (Science Master Class) and outstanding students in the **6901** Bachelor of Science

## HKU-Cambridge Undergraduate Recruitment Scheme (Natural Sciences)

**2025-26**  
(September 2025 intake)



# What is Young Scientist Scheme (YSS) all about?

As a strong and research-oriented Faculty, the Faculty of Science is committed to providing our students with the best science education and incubating future scientists. YSS provides ample early research experiences for students in the 6688 Science Master Class Programme and outstanding students in the 6901 BSc Programme.

## Students in YSS are guaranteed with:



Enrolment in our flagship **Summer Research Fellowship (SRF) Scheme** to conduct research under the supervision of our professors in the first summer

A further **SRF or Overseas Research Fellowship (ORF) Scheme** in a foreign institution in a subsequent year

**International exchange, visiting or summer study**



Attendance in an **international scientific conference** on frontier scientific research



Individual guidance from a **research mentor** from the start of the undergraduate study

Enrolment in our **Frontiers of Science Honours Seminar** to learn how our award-winning professors solve their research problems

An **entrance scholarship** ranging from HKD 10,000 to HKD 70,000\*



\*Scholarship for Non-JUPAS students are considered on a case-by-case basis.

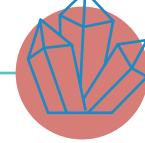
## A wide spectrum of scientific research areas:



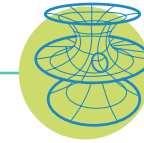
Biological Sciences



Chemistry



Earth Sciences



Mathematics



Physics

### Examples of institutions for Overseas Research Fellowship

#### North America

- California Institute of Technology
- Columbia University
- Cornell University
- Massachusetts Institute of Technology (MIT)
- Stanford University
- University of California at Berkeley
- University of California at Los Angeles

#### Europe

- CERN
- University of Cambridge
- University College London

### Examples of universities for international exchange, visiting or summer study

#### North America

- University of California
- University of Chicago
- Columbia University
- Johns Hopkins University
- Stanford University
- Yale University

#### Europe

- University of Cambridge
- Imperial College London
- King's College London
- University of Oxford

Individual guidance from a Research Mentor

Summer Research Fellowship

YEAR 1

YEAR 2

2<sup>nd</sup> Summer Research Fellowship or Overseas Research Fellowship

International Exchange, Visiting or Summer Study

YEAR 3

Final Year Project

International Conference

Frontiers of Science Honours Seminar

YEAR 4

## What our YSS research mentor says:

'The YSS provides a great opportunity for undergraduate students to have hands-on experience and training in research. Previous YSS students have enjoyed working in my laboratory on projects related to luminescence and molecular functional materials. The YSS will enable students to have first-hand and early experience in getting to know what frontier research is all about, which will be extremely rewarding to them for the years to come.'



**Professor Vivian W W YAM**  
Philip Wong Wilson Wong Professor in Chemistry and Energy,  
Faculty of Science, HKU

## Engaging in Research Early

As a student enthusiastic about pursuing academic research, I benefitted significantly from participating in the Summer Research Fellowship Scheme (SRF), via which I worked at LSR on a topic related to observational Astronomy – so called Planetary Nebula. The research experiences greatly enhanced my problem-solving skills and my theoretical knowledge.

Conducting actual research required the ability to integrate multi-disciplinary knowledge such as programming, and to tackle real-life science problems. The beauty of an early research experience was that it encouraged students to explore their interests and learn actively out of classrooms.

All in all, SRF definitely strengthened my determination to pursue academic research in my later studies as well as reinvigorating my curiosity in Physics – the study from the fundamental building blocks of the universe, to the gigantic stars and galaxies we see upon the sky.



**Simba ZOU**

BSc alumnus (Major in Physics(Intensive))  
Summer Research Fellowship (SRF) participant in  
Laboratory for Space Research (LSR)

The Overseas Research Fellowship scheme was an incredibly satisfying, enjoyable, and enlightening experience. I had the chance to work with renowned professors in worldwide universities and witnessed the research workflow firsthand. Taking on responsibility for a mini academic research project, I was involved in every stage of work, from preparation to field studies and experiments, then to data interpretations and write-ups. This experience has greatly enriched my understanding of what it is like to work in academia.

This ORF scheme is a precious experiential learning opportunity that I would highly recommend to all science students. It is not merely a research project, but a remarkable journey where you can enrich your personal experiences and discover your own potential.



**Morris CHAN**

BSc student (Major in Geology(Intensive))  
Overseas Research Fellowship (ORF) participant in Department  
of Earth Sciences

### Felicianna

BSc alumna (Major in Food & Nutritional Science and minor in  
Molecular Biology & Biotechnology)  
Summer Research Fellowship (SRF) participant in School of  
Biological Sciences

The SRF Scheme was a delightful experience to me. I realised that research is not merely in the lab; a lot of reading has to be done outside the lab. I was also glad to meet very kind and helpful people in the lab, to acquire technical and time-management skills, making the experience amazing. By having spent more than two months in the lab, I found that I enjoy working in the lab, and that pursuing research in the future is something I would highly consider. The experience helped me explore more possibilities of my future.



## Eye-opening Exchange Study Opportunities



As a member of the Faculty's Young Scientist Scheme, I got the privilege and sponsorship to go to Yale University for visiting study. At Yale, I experienced their graduation ceremony, attended some inspiring seminars, and even got to hear Nobel Laureate Svante Paabo share his insights. In addition, I took a research internship in Professor Gendron's lab, where I applied mathematical modelling to study plant photoperiodism, which enhanced my systems biology skills and further fuelled my goals.

**Tim SUI**

BSc Student (major in Biological Sciences, minor in Mathematics)  
Visiting student at Yale University

## How to join YSS:

JUPAS students admitted to 6901 Bachelor of Science programme with a total score of 35 or above in their best 5 HKDSE subjects (Category A subjects/M1/M2), and 6688 Science Master Class programme are automatically accepted to YSS. No interview is required. Selected Non-JUPAS applicants will be invited to enrol in YSS. No application is necessary.