**HKU or Cantab?**

**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

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**THE TRACK**

A year abroad can seriously enhance the skills of students pursuing a degree in Natural Sciences.

- Students will study abroad in the first semester of their Year 2 at King’s College London.
- Students will study in the second semester of their Year 2 at the University of Cambridge, respectively.

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**SPECIAL FEATURE:**

HKU-Cambridge Undergraduate Recruitment Scheme (Natural Sciences)

Cambridge-Track for Selected YSS Participants in Natural Sciences Disciplines

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**Curriculum**

Selected students will study a broad range of Science courses in Years 1 and 2, in a similar but better prepared manner than their Cambridge counterparts. Students take a number of courses in the first year, including:

- Core courses in the BSc (HKU) curriculum (for both programmes)
- General Education (BSc(HKU) only)
- Selected courses from the BSc programme (for both programmes)

In the second year, students will study the following courses in the BSc (HKU) curriculum:

- Core courses in the BSc (HKU) curriculum (for both programmes)
- General Education (BSc(HKU) only)
- Selected courses from the BSc programme (for both programmes)

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

**HKU**

- **YEAR 1:**
  - Core courses in the BSc (HKU) curriculum (for both programmes)
  - General Education (BSc(HKU) only)
  - Selected courses from the BSc programme (for both programmes)

- **YEAR 2:**
  - Core courses in the BSc (HKU) curriculum (for both programmes)
  - General Education (BSc(HKU) only)
  - Selected courses from the BSc programme (for both programmes)

**CAMBRIDGE**

- **YEAR 3:**
  - Core courses in the BSc (HKU) curriculum (for both programmes)
  - General Education (BSc(HKU) only)
  - Selected courses from the BSc programme (for both programmes)

- **YEAR 4:**
  - Core courses in the BSc (HKU) curriculum (for both programmes)
  - General Education (BSc(HKU) only)
  - Selected courses from the BSc programme (for both programmes)

- **YEAR 5:**
  - Core courses in the BSc (HKU) curriculum (for both programmes)
  - General Education (BSc(HKU) only)
  - Selected courses from the BSc programme (for both programmes)

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**How to Enroll in the Cambridge-track**

Programme for HKU students:

- Non-JUPAS applicants will be considered on a case-by-case basis.

Programme for non-HKU students:

- Non-JUPAS applicants will be considered on a case-by-case basis.

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**Admissions of Students on the Cambridge-track to Cantab**

Students on the Track will be assessed by Cambridge academicians in their first semester of study. Through admissions test and interview.

- For interview, students will attend the give a conditional offer. They will study a broad range of science courses in their first and second semesters of study at Cambridge.

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**HKU**

- **YEAR 1:**
  - Core courses in the BSc (HKU) curriculum (for both programmes)
  - General Education (BSc(HKU) only)
  - Selected courses from the BSc programme (for both programmes)

- **YEAR 2:**
  - Core courses in the BSc (HKU) curriculum (for both programmes)
  - General Education (BSc(HKU) only)
  - Selected courses from the BSc programme (for both programmes)

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

Cambridge-Track for Selected YSS Participants in Natural Sciences Disciplines

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**Young Scientist Scheme (YSS)**

for Outstanding Students in 6901 BSc

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**Entrance**

- Automatic for JUPAS students
- Selected Non-JUPAS students

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**Highlights**

- Summer Research Fellowship
- Overseas Research Fellowship
- International exchange, visiting or summer study
- International scientific conference
- Research mentor
- Entrance scholarship
- Stipends for research programmes
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 are guaranteed with:
- Students in 6901 BSc Programme.

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.

An entrance scholarship ranging from HKD 20,000 to HKD 70,000 is available to students who have excelled in their studies and have shown an interest in research.

Enrolment in our flagship programmes for undergraduate students to have hands-on research areas:
- Chemistry
- Earth and Planetary Science
- Ecology and Biodiversity
- Mathematical and Statistical Science
- Molecular and Cell Biology
- Physics and Astronomy

A further 6901 BSc Programme

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.

For JUPAS students with a total score of 35 or above in their best 5 HKDSE subjects (Category A subjects /M1/M2).

International Conference on Frontier of Science (FoS) Seminar

A further 6901 BSc Programme

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.

International Conference on Frontier of Science (FoS) Seminar

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

International Conference on Frontier of Science (FoS) Seminar

Guidelines for research programmes

An entrance scholarship ranging from HKD 20,000 to HKD 70,000

How to join YSS:

JUPAS students admitted to 6901 BSc programme with a total score of 35 or above in their best 5 HKDSE subjects (Category A subjects /M1/M2) are automatically accepted to YSS. No interview is required.

The YSS provides a great opportunity for undergraduate students to have hands-on research experience and training in research. Problems YSS students have enjoyed working on in my laboratory are topics related to luminescence and molecular functional materials. The YSS will enable students to have first-hand and early experience in getting to know and foster research as a whole, which will be extremely rewarding for the years to come.

What our YSS research mentor says:

Lily Zhiyi LI
Year 4 BSc student (Major in Mathematics and minor in Physics)
Exchange study at the Australian National University (ANU) in 2019-20

Through YSS, I was able to gain experience in a genuinely unusual exchange programme.

My experience helped me to explore more possibilities of my future.

I was very fortunate to join the full-year Yale Visiting International Student Programme via the Yale YSS. No interview is required.

Selected Non-JUPAS applicants will be invited to enrol in YSS. No application is necessary.

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Examples of institutions for Overseas Research Fellowship

North America
- California Institute of Technology
- Columbia University
- Cornell University
- Harvard University
- Massachusetts Institute of Technology (MIT)
- Stanford University
- University of California at Berkeley
- University of California at Los Angeles
- University of California at San Diego
- University of Chicago
- University of Illinois

Europe
- CERN
- University of Cambridge
- University College London
- Imperial College London
- King’s College London
- University of Oxford

Examples of universities for international exchange, visiting or summer study

North America
- University of California
- University of Chicago
- Columbia University
- Yale University
- Stanford University

Europe
- University of Cambridge
- Imperial College London
- King’s College London
- University of Oxford

A wide spectrum of scientific research areas:

The experience helped me to explore more possibilities of my future.

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.

The research I was involved in was quite challenging. I realized that research is not merely in the lab; a lot of reading has to be done outside the lab. Problems may appear unexpectedly during research – experimental procedures and results may not always go the way as it was planned or hypothesised. It is therefore essential to learn to adapt to these problems and find possible explanations, and to seek for improvement in future experiments.

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