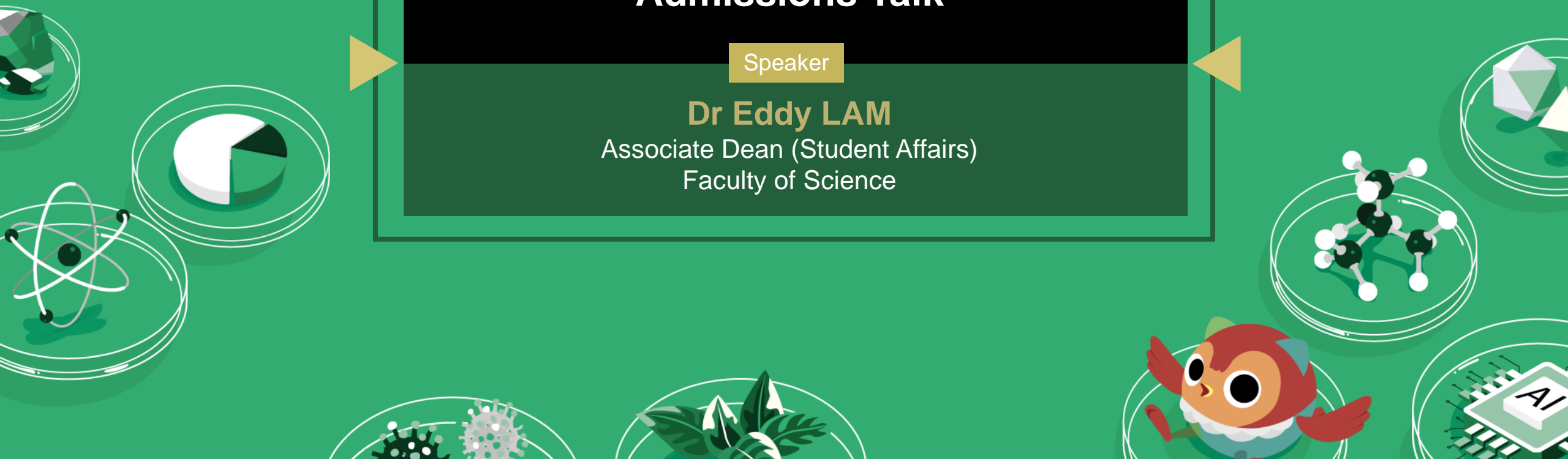


# 6688 Bachelor of Science & Master of Research Admissions Talk

Speaker

**Dr Eddy LAM**

Associate Dean (Student Affairs)  
Faculty of Science



# Why HKU Science?



# High University Rankings

QS Asia  
University  
Rankings 2023

#4

QS World  
University  
Rankings 2024

#26

QS World  
Graduate  
Employability  
Rankings 2022

#10



THE Asia  
University  
Rankings 2023

#4

THE World  
University  
Rankings 2024

#35

# Top-notch Scholars

## Awards and Achievements of our academics:

(Clarivate Analytics' Essential Science Indicators)

18% of professoriate staff (average over the past decade) are **classified Top1% scholars**

Leads

**6 Areas of Excellence (AoE) projects**

1

Nobel Laureate

**Professor Sir Fraser Stoddart**

*awarded the Nobel Prize in Chemistry in 2016 along with two fellow scientists*



6

members of Chinese Academy of Sciences (CAS)

8

members of foreign academies

3

Hong Kong Academy of Sciences academicians

# Faculty Achievements

## Some of the Awards and Achievements of Our Academics

- ▶ Chern Prize
- ▶ Chinese Chemical Society's Contribution Award in Carbohydrate Chemistry
- ▶ Dow Lectureship at California Institute of Technology (Caltech)
- ▶ Future Science Prize – Mathematics and Computer Science Prize
- ▶ Innovators under 35 China Award (Inventor)
- ▶ L'Oréal-UNESCO Awards For Women in Science
- ▶ National Excellent Young Scientists Fund
- ▶ Royal Society of Chemistry Centenary Lectureship and Medal, UK
- ▶ Silver Bauhinia Star
- ▶ State Natural Science Award, China
- ▶ Tan Kah Kee Science Award in Mathematics & Physics
- ▶ Tencent New Cornerstone Investigator Program
- ▶ The InnoStars Award
- ▶ University of Illinois at Urbana-Champaign (UIUC) Bailar Medal

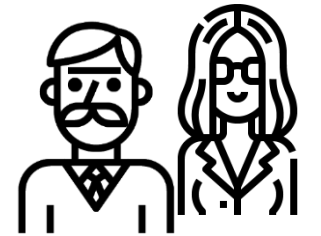
# International Environment



The Most International University  
in the World in 2023



About **40%**  
academic staff  
in the Faculty  
are from overseas



About **45%**  
non-local students  
in the Faculty





# 6688 SCIENCE MASTER CLASS

Double degree programme  
Bachelor of Science (BSc) & Master of Research (MRes)

Learn from the Best Minds • Be Inspired by Our Science Masters

Double degree programme for elite students

Provides a fast-track of study for talented students:  
completing 2 degrees at an accelerated pace



*Remarks: Students in the programme have to maintain a high CGPA in order to remain in this double degree programme or else they have to switch to the 6901 BSc programme*



Unleashes the **research potential** for science-inclined students



Immerses research-aspired students to an **authentic research environment** and **learn from Masters**



Equips students to translate scientific knowledge into **practical applications** with wide-reaching impacts



### Learning from Science Masters

Grand Masters  
through special tutorials



Masters  
as academic advisers

## What it covers

### Catering the needs of elite students



disciplinary-based intensive study for research-  
aspired students



ample opportunities available in our flagship Young  
Scientist Scheme (YSS) including

- Summer Research Fellowship
- Entrance Scholarship
- Overseas Research Fellowship
- Exchange Study
- A chance to join the Cambridge-track\*

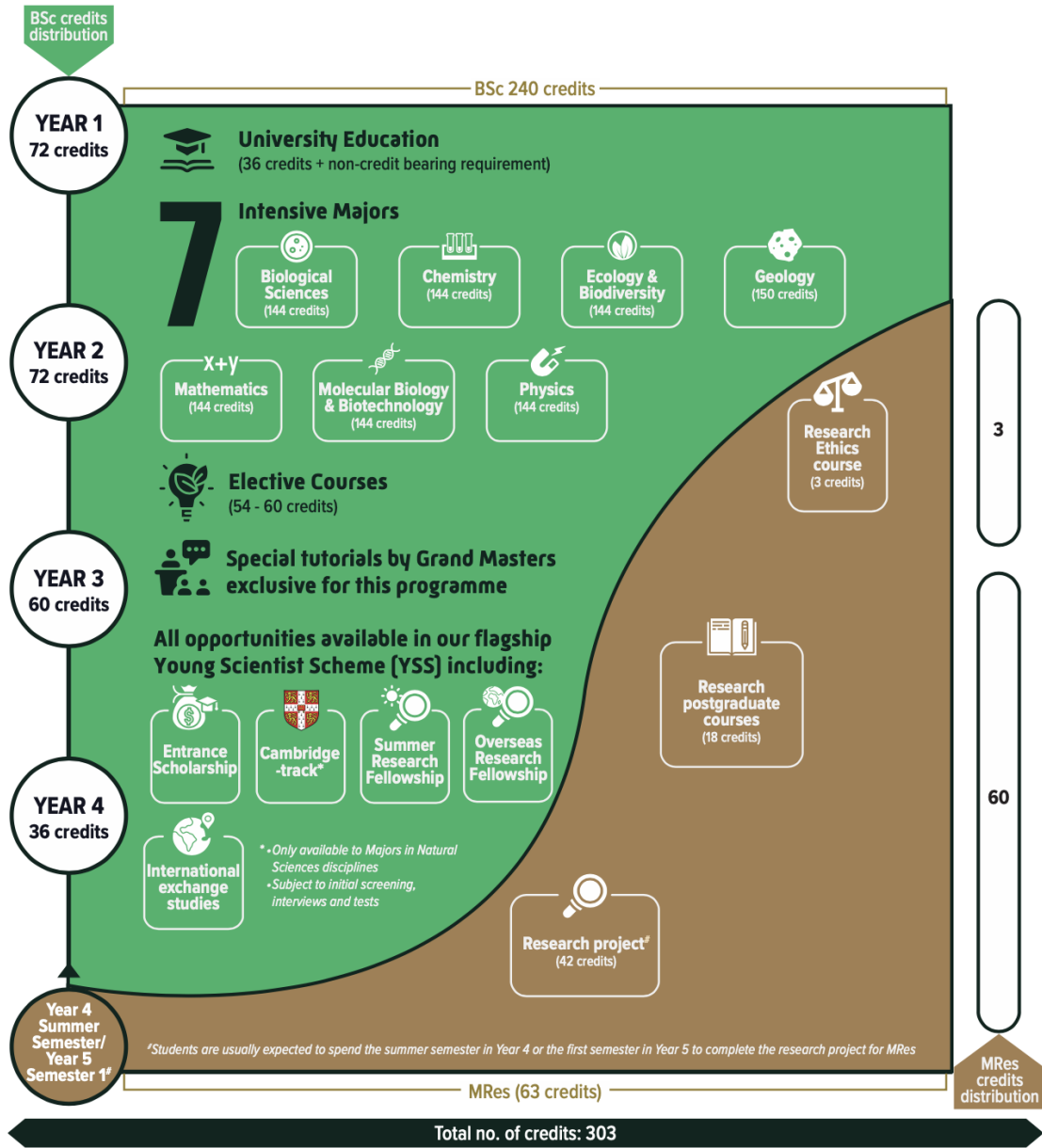
\* Only available to Majors in Natural Sciences disciplines  
• Subject to initial screening, interviews and tests  
• Candidates admitted to the Track will go through further screening by Cambridge

### Research-oriented



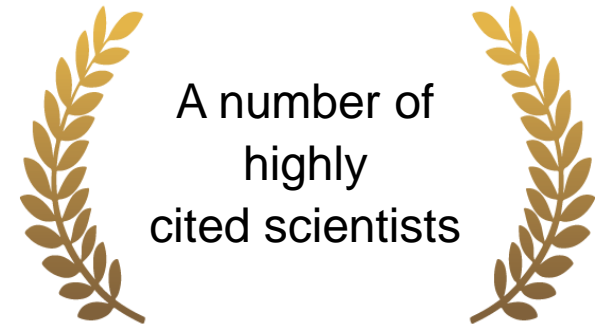
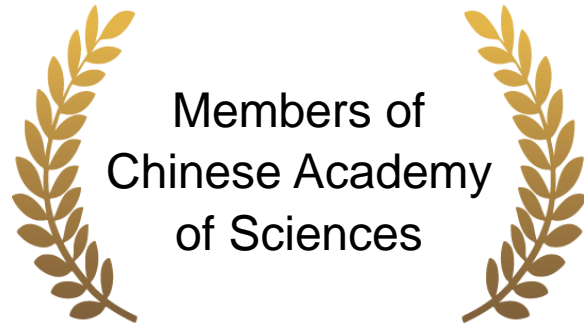
Research postgraduate courses and projects to enhance the  
students' frontier scientific knowledge and research skills

**Study path**



Your programme experts

Renowned scientists of considerable prestige as our Masters, including:



## Meet our Grand Masters

### Prof. Chi Ming CHE

Zhou Guangzhao Professor in Natural Sciences, Chair Professor of Chemistry



### Prof. Guochun ZHAO

Chair Professor of Earth Sciences



### Prof. Alice S T WONG

Associate Vice-President (Research), and Chair Professor of School of Biological Sciences



### Prof. Hongjie DAI

Chair Professor of Chemistry



### Prof. Ngaiming MOK

Edmund and Peggy Tse Professor of Mathematics, Director of Institute of Mathematical Research, and Chair Professor of Mathematics



### Prof. Vivian W W YAM

Philip Wong Wilson Wong Professor in Chemistry and Energy, and Chair Professor of Chemistry



### Prof. Wang YAO

Chair Professor of Physics



### Prof. Shuang ZHANG

Interim Head and Professor Chair of Physics



## Unique Research Experiences of Our SMC Students



*I had the privilege to have some of the **most experienced researchers** sharing their **firsthand experience** in their field of interest, and also get to know a group of like-minded and capable fellows.*

**Gordon WONG**

BSc&MRes student (intensive major in Physics)

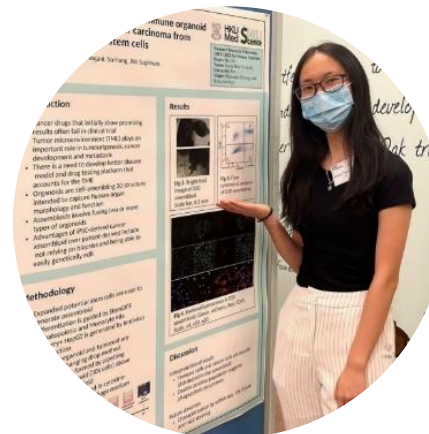
Research field: isolating the nebular emissions from the starlight  
Summer research fellowship under the supervision of Dr J J L LIM

*Whenever you hear about the **Grand Masters** sharing **their research journey** and how they become **high-profile professors**, you are **inspired by their devotion and mindset** to conduct research. I learned a lot from the **Grand Masters' tutorials**.*

**Kelly KWOK**

BSc&MRes student (intensive major in molecular biology & biotechnology)

Research field: establishing cancer vascular immune organoids  
Summer Research Fellowship at Dr Sugimura RIO's lab



# Accreditations

Quality assured through recognition by UK professional bodies



## Chemistry Major (Intensive)

- final year students are qualified to apply for RSC membership
- an authorised certificate to recognise students' achievements



Accredited Degree



## Biological Sciences Major (Intensive) Ecology & Biodiversity Major (Intensive) Molecular Biology & Biotechnology Major (Intensive)

- gain additional recognition for skills and experience



The Geological Society  
*Accredited programme*



## Geology Major (Intensive)

- the qualification is recognised internationally and in HK
- an accelerated route to achieve the professional qualification with completion of the programme and fulfilment of specific project requirement
- a certificate awarded by the Department of Earth Sciences with the authorisation by the Society to recognise their achievements

\*There is no accreditation in the fields of Mathematics and Physics.

Where the programme will lead you to

## Career & network



Nurtures students to **pursue research** in science



Fully equips the students for **further graduate studies**



**Builds a consortium** for: cross fertilisation of innovative ideas and facilitates multidisciplinary projects

## Transferable skills



Provides students with **extensive subject knowledge** and **specialised training**



**Nurtures a scientifically literate population** to formulate solutions for challenges

## Who should join this programme?

### Students who would like to:



go onto **higher degrees** either in HKU or overseas



**conduct research** during their studies



be the **future masters** of science



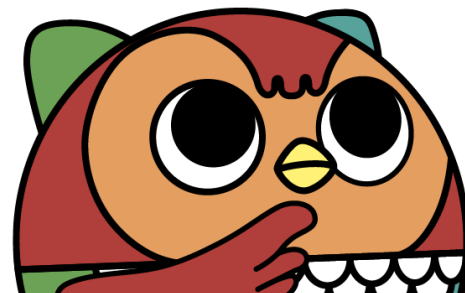
**Complete 2 degrees** at an accelerated pace



obtain a diversity of experience by **learning from Science Masters**



**enjoy all privileges** YSS has to offer







# Young Scientist Scheme

Early Research Experiences for Students in 6688 programmes



Students in YSS are guaranteed with:

1



Summer Research Fellowship (SRF)

2



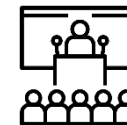
A further SRF or an Overseas Research Fellowship (ORF)

3



International exchange, visiting or summer study

4



Attendance to an international scientific conference

5



A research mentor

6



Enrolment in the Frontiers of Science Honours Seminar

7



Entrance scholarship\*

*\*Case-by-case for Non-JUPAS students*

# **Young Scientist Scheme**

Early Research Experiences for Outstanding Science Students

Pathway of YSS

## Year 1

Guidance from  
Research Mentors  
Summer Research  
Fellowship



## Year 2

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



## Year 3

International  
Exchange Study,  
Visiting or  
Summer Study



## Year 4

Final Year Project  
International Conference  
Frontiers of Science  
Honours Seminar



YSS participants are guaranteed to go on exchange, visiting or summer study in a top university, such as:



In 2023, **58** students were admitted to YSS

### How to join YSS?

#### JUPAS

6688 students are **automatically accepted** to YSS, no interview is required

#### Non-JUPAS

**Selected Non-JUPAS applicants** will be invited to enroll in YSS

# HKU-Cambridge Undergraduate Recruitment Scheme (Natural Sciences)

Cambridge-track for Selected YSS Participants in  
Natural Sciences Disciplines

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

HKUer or  
Cantab?

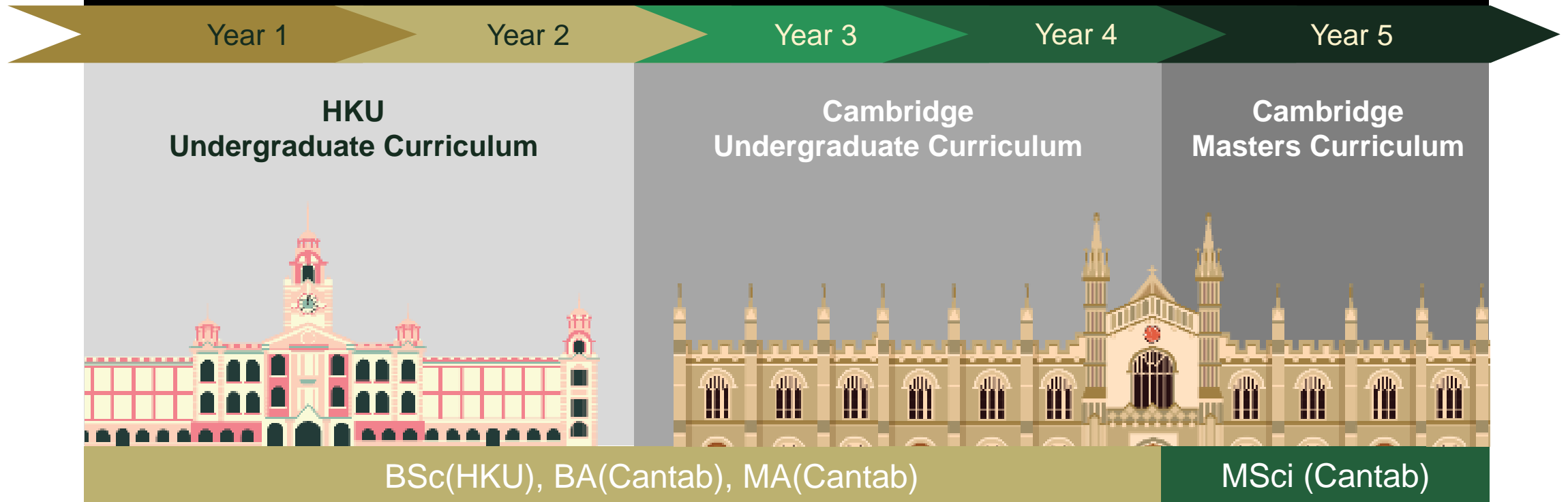
Why not  
**BOTH?**



UNIVERSITY OF  
CAMBRIDGE

# Cambridge-Track for selected YSS participants

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



# Admissions requirements and other information





## Tuition Fees

	BSc	MRes
Local students	HKD 42,100 per year*	HKD 120,000 (full course)
Non-local students	HKD 182,000 per year*	

\* 4 years

Entrance Scholarship Available

## Scholarships

- Entrance scholarship Scholarships will be provided to cover at least 50% of the tuition fee of the MRes programme

## Science Entrance Scholarship

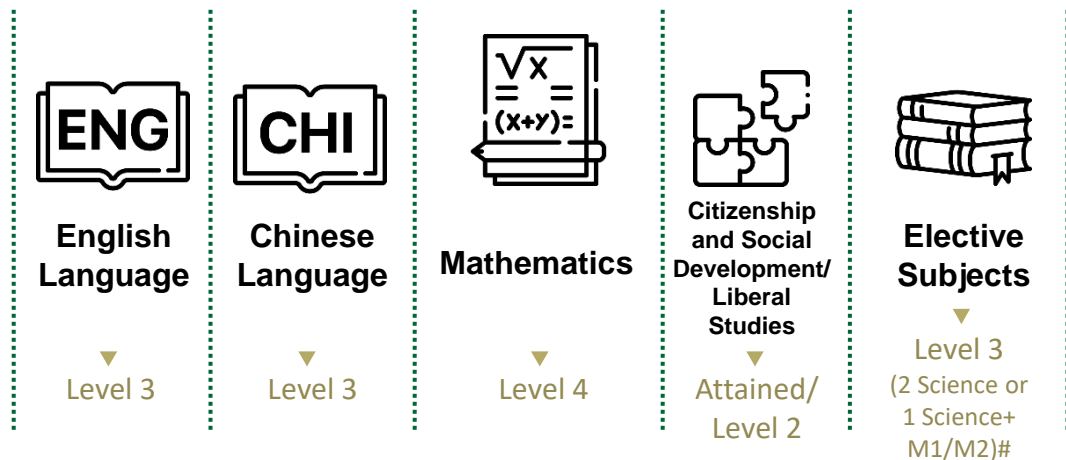
Scholarships are awarded to students who academically excel in HKDSE Examinations based on one-sitting.

HKDSE Examination Results (total score in best 5 subjects in Category A or Extended Module 1 or Module 2 of Mathematics)	Scholarship Amount (HK\$)
Score = 42.5	\$70,000
Score $\geq$ 41	\$60,000
Score $\geq$ 39	\$50,000
Score $\geq$ 37	\$40,000
Score $\geq$ 35	\$20,000
Score < 35 With 5** in at least 2 subjects from Biology/ Chemistry/ Physics/ Combined Science/ Mathematics/ M1/ M2	\$10,000

# Admissions Requirements

## JUPAS applicants

### Minimum Programme Entrance Requirements:

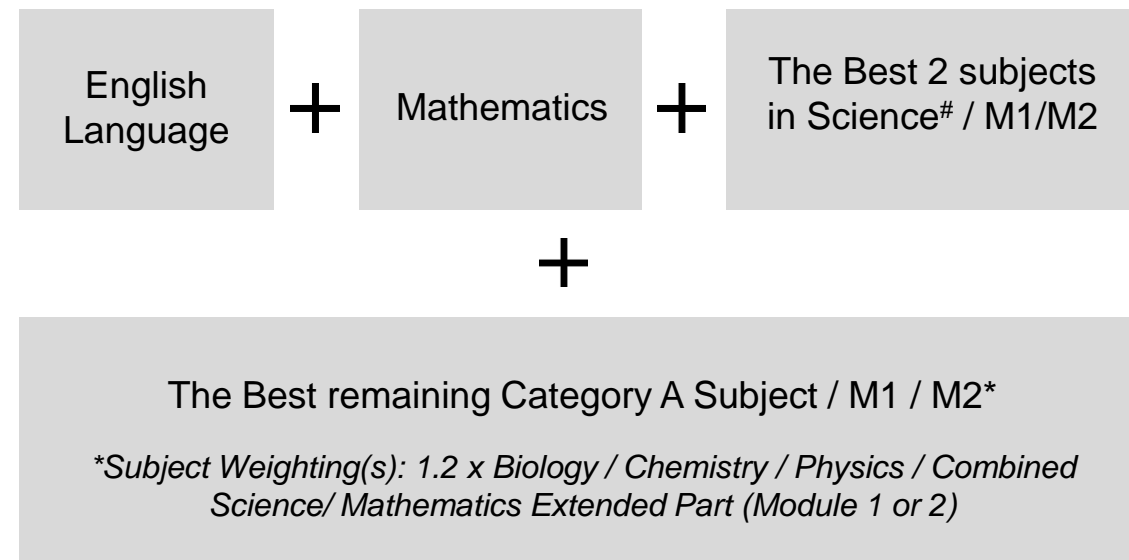


#Science elective subjects: Biology, Chemistry, Physics and Combined Science

2024 Expected JUPAS admission score: **31**

Selection principle: **BEST 5**

### Programme Score:



### HKDSE 'level to score' conversion

Category A Core and Elective Subjects and Extended Module 1 or Module 2 of Mathematics							
Level	1	2	3	4	5	5*	5**
Score	1	2	3	4	5.5	7	8.5

## Admissions Requirements

### Non-JUPAS applicants

Non-JUPAS applicants will be considered on a case-by-case basis.  
In general, excellent results in Mathematics and Science subjects are required.

### 2023 Admissions Statistics – Non-JUPAS

(for reference)

**GCEAL**

Lowest admissions score

4A\*

**IB**

Lowest admissions score

41

## Interview

Interview is an integral part of the admissions process. It serves to exhibit a different dimension of your ability and facilitate our deeper understanding on your suitability for this programme.  
**Only Band A applicants would be invited for interview.**

## JUPAS tips

You are strongly encouraged to **put 6688 Science Master Class as your Band A1 choice** in your JUPAS application to maximise your chances of being admitted.

## Quota

**24**

For more details  
about the  
programme



<http://bit.ly/3W12gaL>

## Enquiries



3917 2683



[sci.ug.admission@hku.hk](mailto:sci.ug.admission@hku.hk)



[www.scifac.hku.hk](http://www.scifac.hku.hk)

## Find us on



[hku.science](https://www.facebook.com/hku.science)



[@hku\\_science](https://www.instagram.com/hku_science)



[@hku\\_science](https://twitter.com/hku_science)



[/hkufacultyofscience](https://www.youtube.com/hkufacultyofscience)