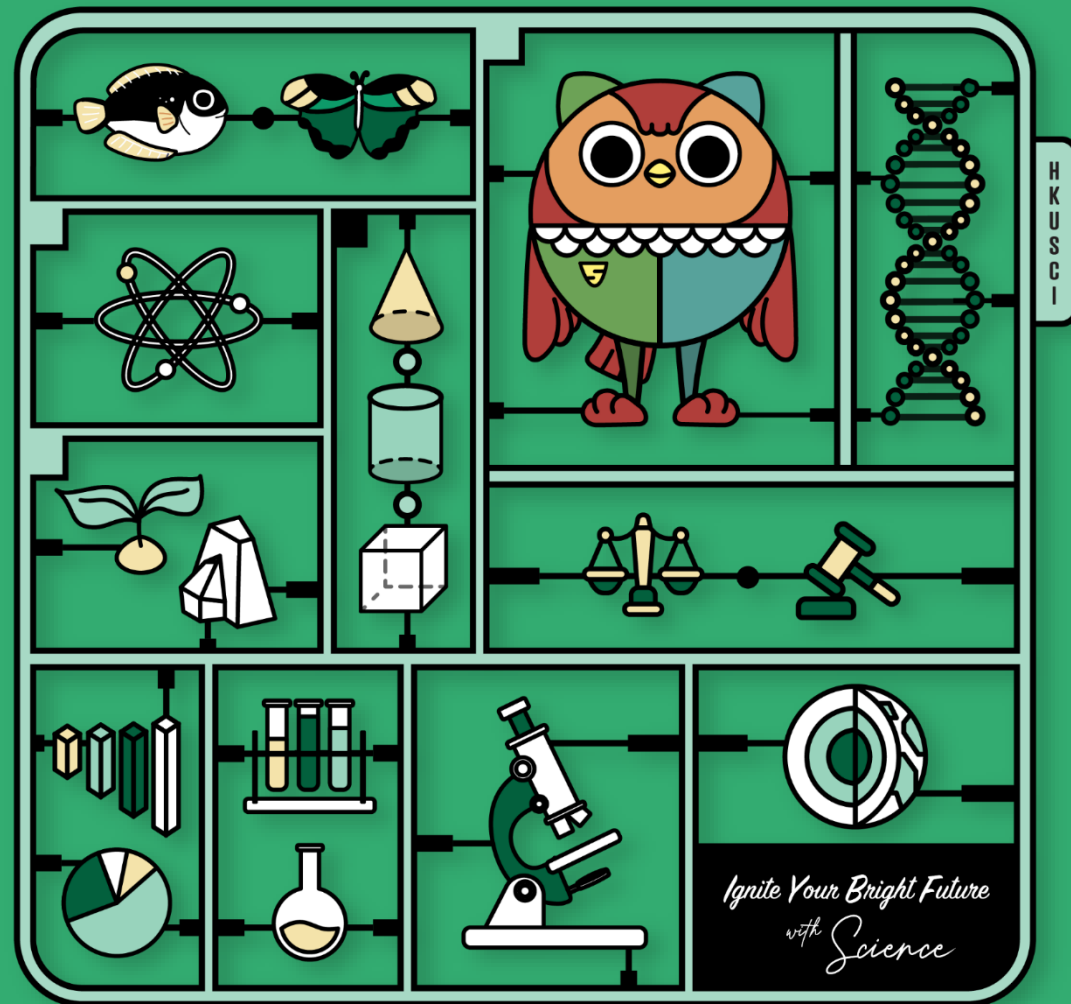


▶ **6688 Bachelor of Science and
Master of Research
(Science Master Class)
Admissions Talk** ◀

Speaker

Professor Timothy Bonebrake
Associate Dean (Teaching and Learning)
Faculty of Science



Why HKU Science?



High University Rankings

QS Asia
University
Rankings 2024

#2

QS World
University
Rankings 2025

#17

QS World
Graduate
Employability
Rankings 2022

#10



THE Asia
University
Rankings 2024

#6

THE World
University
Rankings 2025

#35

THE Most
International
University
in the World 2024

#6

Rankings by Science Subjects

Life Sciences: #43
Physical Sciences: #47



Life Sciences & Medicine: #29
Natural Sciences: #81

Top-notch Scholars

Awards and Achievements of our academics:

(Clarivate Analytics' Essential Science Indicators)

18.3% of professoriate staff (average over the past decade) are **classified Top 1% scholars**

Leads

6 Areas of Excellence (AoE) projects

1

Nobel Laureate

Professor Sir Fraser Stoddart
*alongside with two fellow scientists,
awarded the Nobel Prize in Chemistry
in 2016*



6

Members/ foreign members of
Chinese Academy of Sciences (CAS)

8

Memberships of foreign academies

4

Members of Hong Kong Academy of
Sciences

International Environment

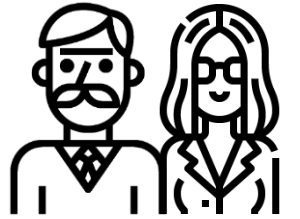


The Most International University
in the World in 2024

#6



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



About **47%**
non-local students
in the Faculty





Double degree programme

SCIENCE MASTER CLASS

6688 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

Bachelor of
Science



Master of
Research

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

Prof. Chi Ming CHE

Zhou Guangzhao Professor in Natural Sciences and Chair Professor of Chemistry



Prof. Guochun ZHAO

Chair Professor of Earth Sciences



Prof. Alice S T WONG

Associate Vice-President (Research)
Interim Director and Chair Professor
of Cancer Biology



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



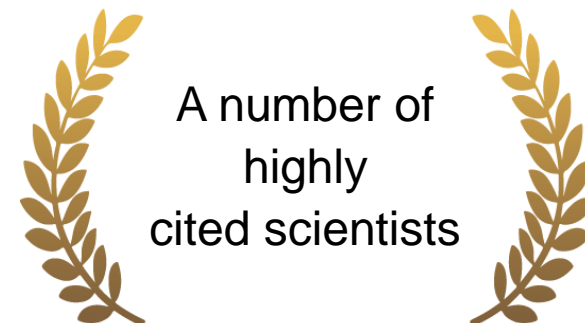
Prof. Shuang ZHANG

Interim Head and
Chair Professor of Physics



Your programme experts

Renowned scientists of considerable prestige as our Grand Masters/ Masters, including:



Catering for the needs of elite students

What it covers



disciplinary-based intensive study for research-aspired students



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

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

** • Only available to Majors in Natural Sciences disciplines*

• Subject to initial screening, interviews and test

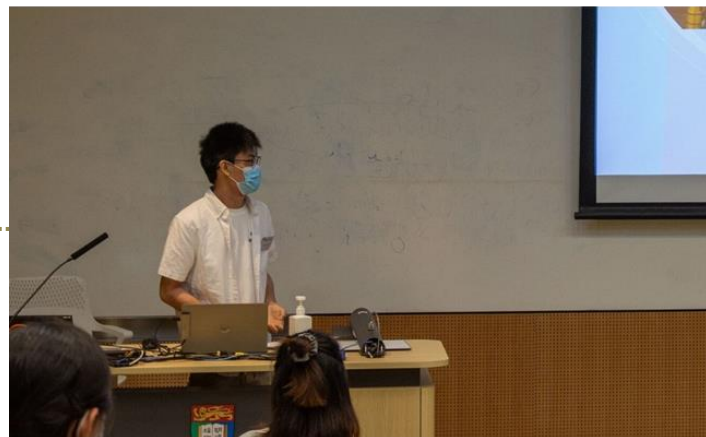
• Candidates admitted to the Track will go through further screening by Cambridge

Research-oriented



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

What it covers



Gordon WONG

BSc&MRes student

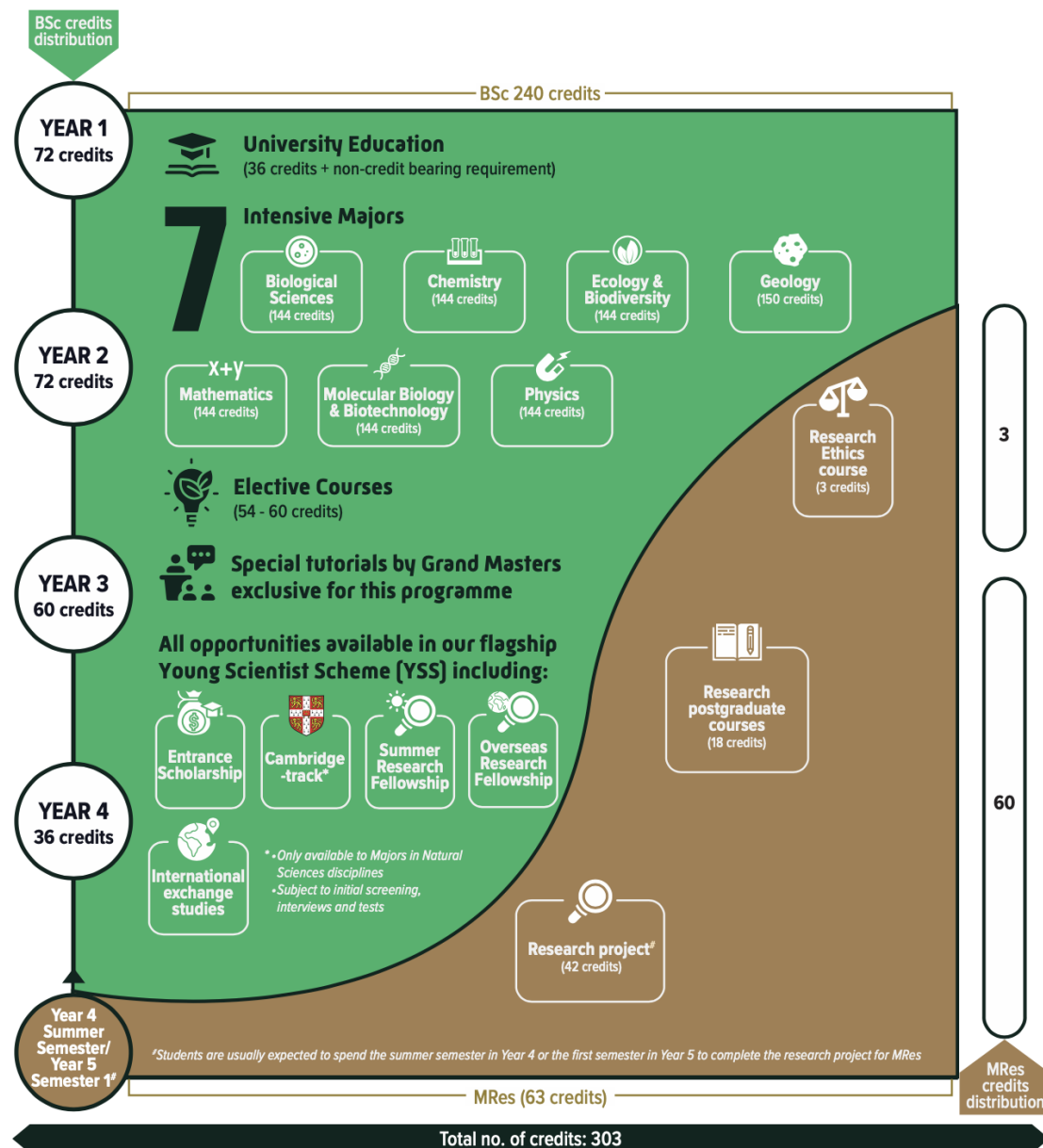
(intensive major in Physics)

Research field: isolating the nebular emissions from the starlight

Summer research fellowship supervised by Prof J J L LIM

Gordon's research tries to understand why and how the gas clouds around a cluster of galaxies glow with different atomic conditions. He had a taste of the entire research process, from writing research proposals to doing data analysis and reductions with programming.

Study path



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



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

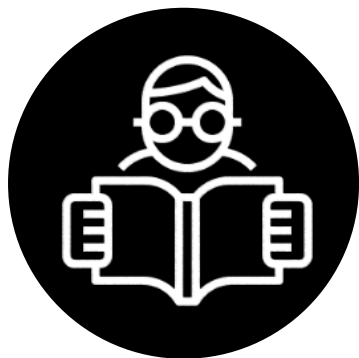
*There is no accreditation in the fields of Mathematics and Physics.

Where the programme will lead you to

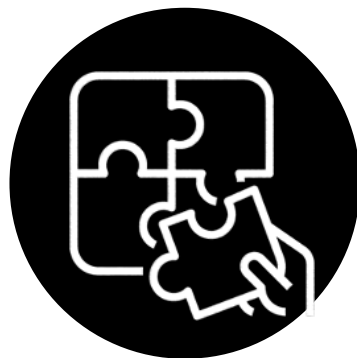
Career & network



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



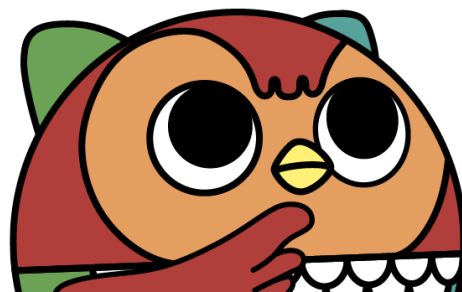
Complete 2 degrees at an accelerated pace



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



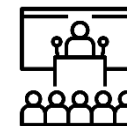
A further SRF or an
Overseas Research
Fellowship (ORF)

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

2nd 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:



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?

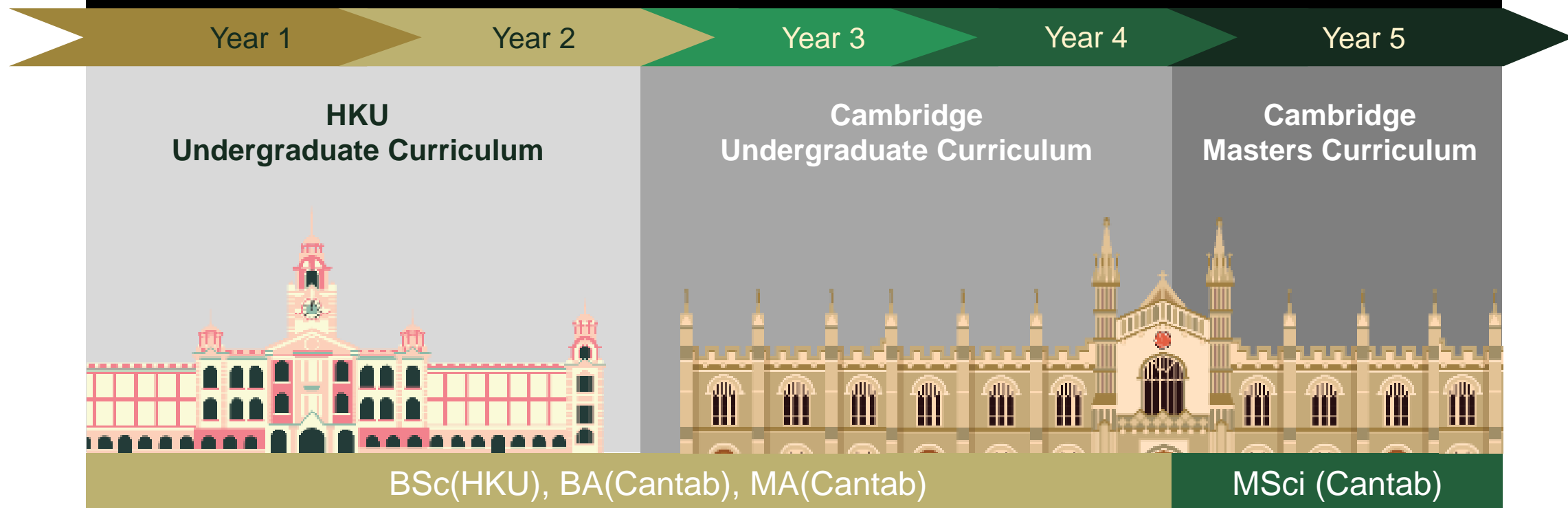
Why not
BOTH?



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



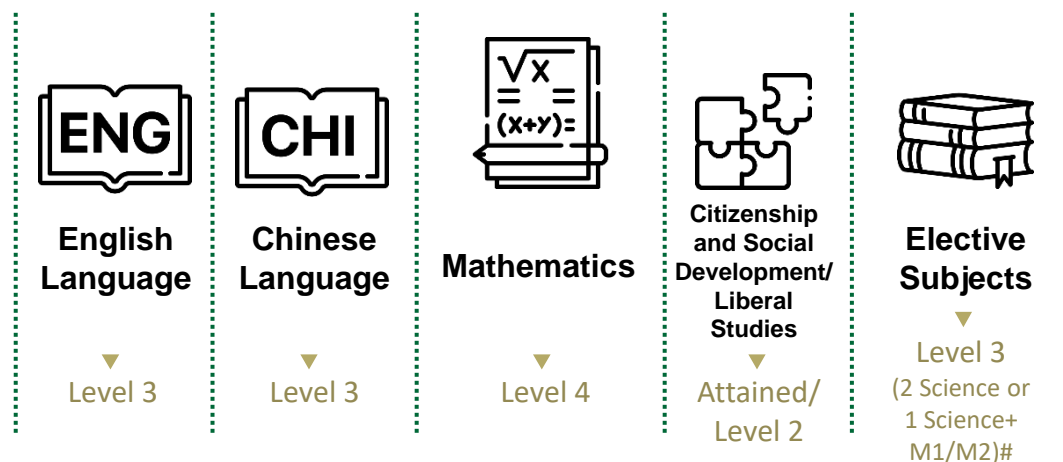
Admissions requirements and other information



Admissions Requirements

JUPAS applicants

Minimum Programme Entrance Requirements:



#Science elective subjects: Biology, Chemistry, or Physics

Selection principle: **BEST 5**

Must include:

Programme Formula Score

English Language

+

Mathematics

+

The Best 2 subjects in Science[#] / M1/ M2

+

The Best Remaining Category A Subject / M1 / M2*

*Subject Weighting(s): 1.2 x Biology / Chemistry / Physics / Mathematics Extended Part (Module 1 or 2)

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

2025 Expected Programme Formula Score: **31**

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.

2024 Admissions Statistics

(for reference)

GCEAL

Lowest admissions score
4A*

IB

Lowest admissions score
42

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.

2025 Admissions Quota

Local (JUPAS + Non-JUPAS):

26

**Separate quota for non-local applicants*

For more details
about the
programme



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

Enquiries



3917 2683



sci.ug.admission@hku.hk



www.scifac.hku.hk

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