

6688 Bachelor of Science & Master of Research (Science Master Class)

Speaker

Professor Benjamin Kane

Associate Professor (Teaching & Learning)
Faculty of Science



Ignite your bright future
with science



6688 SCIENCE MASTER CLASS

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

Why HKU Science?



High University Rankings

QS Asia
University
Rankings 2025

#2

QS World
University
Rankings 2026

#11

THE World
Reputation
Rankings 2025

#49



THE Asia
University
Rankings 2025

#6

THE World
University
Rankings 2026

#33

THE
Interdisciplinary
Science
Rankings 2025

#13

Rankings by Science Subjects



Life Sciences & Medicine: #34
Natural Sciences: #58

Physical Sciences: #41
Life Sciences: #45



Top-notch Scholars

Awards and Achievements of our academics:

(Clarivate Analytics' Essential Science Indicators)

20.8% of professoriate staff (average over the past decade) are **classified Top 1% scholars**

Leads

6 Areas of Excellence (AoE) projects



*Professor Ferenc KRAUSZ
Chair Professor, Department of Physics
Nobel Laureate in Physics 2023*

- 1** Nobel Laureate
- 7** Memberships of foreign academies
- 6** Members/ foreign members of Chinese Academy of Sciences (CAS)
- 4** Members of Hong Kong Academy of Sciences

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

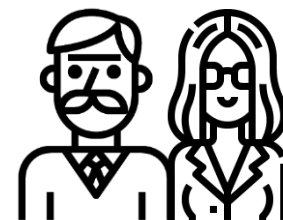


The Most International University
in the World in 2025

#4



About **35%**
academic staff
in the Faculty
are from overseas



About **52%**
non-local students
in the Faculty



6688

Bachelor of Science (BSc) & Master of Research (MRes)

Incubating the next generation of scientists

Double degree programme

Our Grand Masters



Double degree programme for elite students

Provides a fast-track of study for elite 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

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
- Entrance Scholarship
- Overseas Research Fellowship
- Exchange Study

Research-oriented



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

Your Programme Experts

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



Professor Chi Ming CHE

Chair Professor of Department of Chemistry
Zhou Guangzhao Professor in Natural Sciences



Professor Guochun ZHAO

Chair Professor of Department of Earth and Planetary Sciences
Mok Sau-King Professor



Professor Alice Sze Tsai WONG

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



Professor Hongjie DAI

Chair Professor of Department of Chemistry
Spaentia Eminent Professor



Professor Ngaiming MOK

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



Professor Vivian Wing Wah YAM

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



Professor Wang YAO

Chair Professor of Department of Physics



Professor Shuang ZHANG

Chair Professor of Department of Physics
Interim Head of Department of Physics



Professor Nicolas DAUPHAS

Chair Professor of Department of Earth and Planetary Sciences



Professor Bing ZHANG

Chair Professor of Department of Physics
Global STEM Scholar



Professor Xuhua HE

Chair Professor of Department of Mathematics



**Learning from Our
Grand Masters**

Grand Master Tutorials



Professor Timothy C BONEBRAKE
*Professor of School of Biological Sciences
 Director of School of Biological Sciences*



Professor Xiang LI
*Professor of Department of Chemistry
 Programme Director of 6688 Science Master Class*



Professor Xuechen LI
*Chair Professor of Department of Chemistry
 Morningside Professor in Chemical Biology
 Associate Dean of Science
 (Research and Graduate Studies)*



Professor Jin WU
Associate Professor of School of Biological Sciences



Professor Abxin YAN
*Professor of School of Biological Sciences
 Associate Director (Molecular & Cell Biology) of
 School of Biological Sciences*



Professor Wenan ZANG
Chair Professor of Department of Mathematics



Professor Binzheng ZHANG
*Associate Professor of Department of Earth and
 Planetary Sciences*

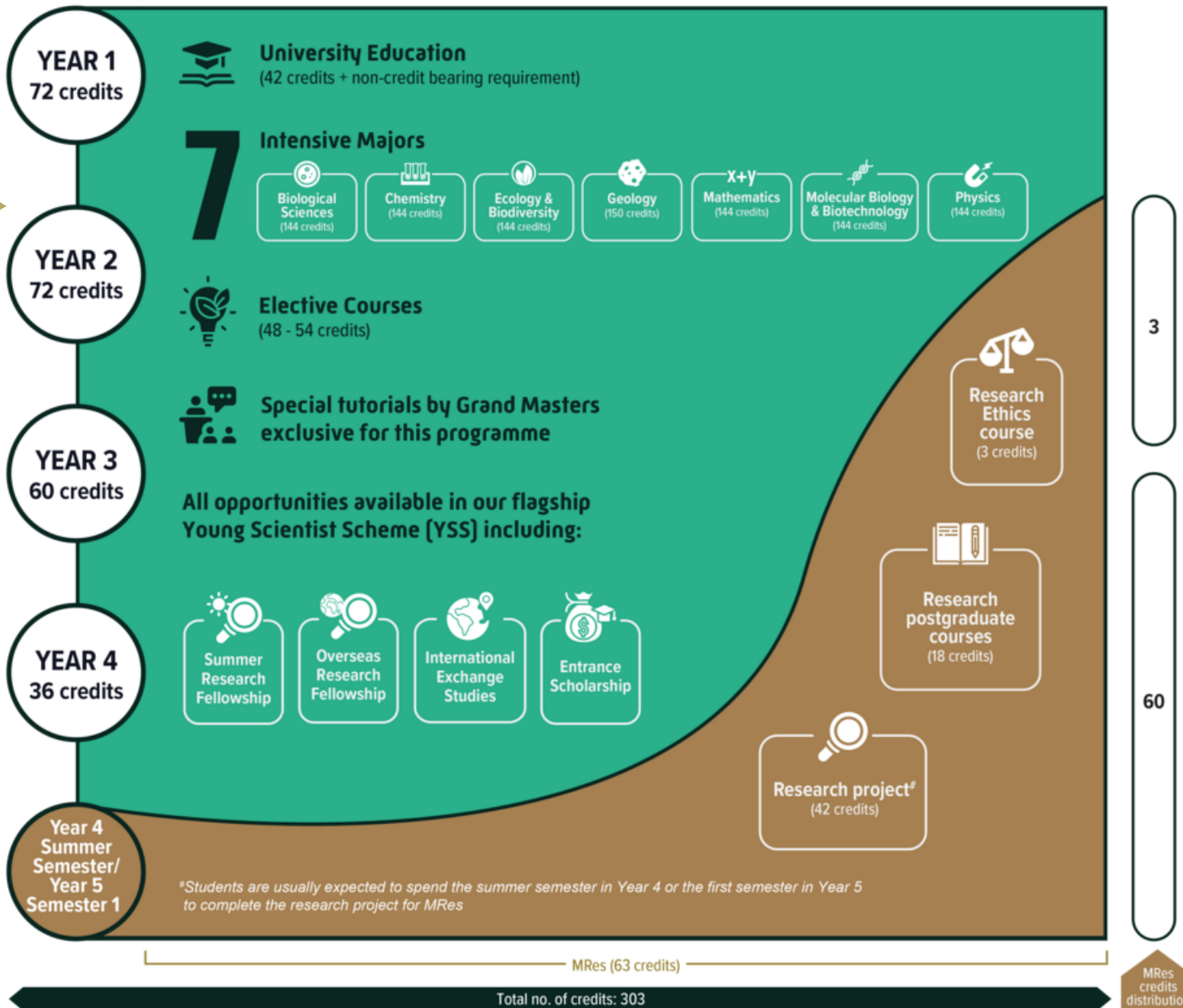


Professor Shizhong ZHANG
*Professor of Department of Physics
 Associate Head of Department of Physics*

BSc credits distribution

BSc 240 credits

Study path



Where the programme will lead you to

Professional Recognition

Some of the Intensive Majors fulfill the accreditation requirements of various societies in the UK



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**

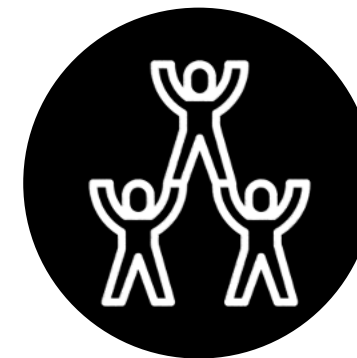


Builds a consortium for: cross fertilisation of innovative ideas and facilitates multidisciplinary projects

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



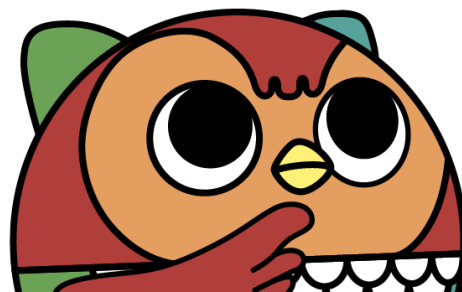
Complete 2 degrees at an accelerated pace



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



enjoy all privileges YSS has to offer



Public Exam High Achiever:



YAU Pok Yan Ian

BSc&MRes Year 1 student

Public Exam Result: DSE: 5** across six subjects

“ HKU Science captivates me with its **breadth and possibilities**, making it my top choice for pursuing my studies. I am excited to **learn from leading scholars, engage in dynamic laboratory work, and immerse myself in a vibrant research culture**. Initiatives such as the Young Scientist Scheme will broaden my global outlook—an opportunity I have long anticipated. The Science Master Class provides the flexibility I need to explore and refine my interests, **offering early research exposure and a wide range of course combinations**. This environment ensures that I am well-prepared for any promising opportunities in the near future. ”



Young Scientist Scheme

Early Research Experiences for Students in 6688 programmes



How to join YSS?

**All 6688 students are automatically accepted to YSS,
no application is necessary**

In 2025, more than 90 students were admitted to YSS

Students in YSS are guaranteed with:

1



Summer
Research
Fellowship (SRF)

2



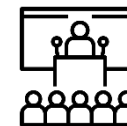
A further SRF or an
Overseas Research
Fellowship (ORF)

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:



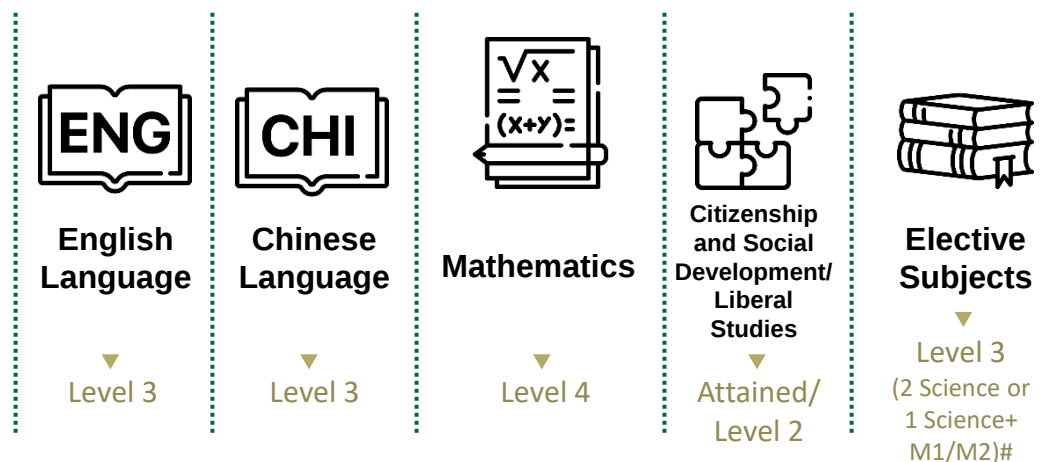
Admissions requirements and other information



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
x1.3

+

The Best 2 subjects
in Science[#] / M1/ M2
X1.3

+

The Best Remaining Category A Subject / M1 / M2*

*Subject Weighting(s): 1.3 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

2026 Expected Programme Formula Score: **36.5**

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.

2025 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.

Tuition Fees*

	BSc	MRes
Local students	HKD 47,000 per year	HKD 120,000
Non-local students	HKD 249,000 per year [^]	

** Tuition fee for the MRes programme: to be paid from Year 3 in 4 installments; scholarships will be provided to cover 50% of the tuition fee of the MRes programme*

[^]Inclusive of HKD20,000 STEM Fee for Non-local Students Enrolling in STEM Faculties and Schools

Entrance Scholarship Available

Science Entrance Scholarship

HKDSE Examination Results in one-sitting (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/ Mathematics/ M1/ M2	\$10,000

- **Abundant Entrance Scholarship is available for 6688 students**

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



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www.scifac.hku.hk

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