



SHKU  
Science

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

# Science Undergraduate Programmes

2026-27 (Sept 2026 Intake)



Ignite your bright future  
with science

# Programmes We Offer

Science  
Undergraduate  
Programmes  
2026-27 (Sept 2026 Intake)

## Key programmes

6901

### Bachelor of Science

**Empowers scientific intellectuals to formulate solutions to society's challenges**



- Simple and flexible
- One entry in the application, with a free choice of 11 Science Majors and 7 Intensive Majors
- Options of 1 Major / 2 Majors / Major-Minor / Major-2 Minors
- No quota nor GPA requirement for any Science Major
- Academic Advising System

6688

### Bachelor of Science & Master of Research

(Science Master Class) (Double degree programme)

**Incubates the next generation of scientists**



- Fast-track for completing 2 degrees
- Learning from Science Masters
- Catering the needs of elite students
- Research-oriented

6858

### Bachelor of Science and Bachelor of Laws

(5-year double degree programme jointly offered with the Faculty of Law)

**Nurtures professionals with scientific and legal knowledge in a STEM-driven society**



- First of its kind in Hong Kong
- Fast-track for completing 2 degrees in science and law
- Interdisciplinary training in scientific and legal skills
- Free choice of 11 Science Majors
- Articulation to Postgraduate Certificate in Laws (PCLL) as a step towards professional legal qualification

## Co-hosted with other Faculty

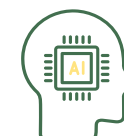
6119

### Bachelor of Education and Bachelor of Science

(5-year double degree programme) (co-hosted with the Faculty of Education)

**Consolidates scientific knowledge through practical experience and teaching in science**

- Covers both academic and professional studies
- Incorporates a graduate teaching qualification
- Development opportunities not just in education but also in commercial and government sectors



## Offered by School of Computing and Data Science

(affiliated with the Faculty of Science and the Faculty of Engineering)

6224

### Bachelor of Arts and Sciences in Applied Artificial Intelligence

**Impacts the world with the limitless power of AI**

- Interdisciplinary programme for elite students
- Highlights diverse AI applications with featured concentrations
- Problem-based learning with a wide range of courses
- Broad career prospects

6248

### Bachelor of Arts and Sciences in Financial Technology

6729

### Bachelor of Science in Actuarial Science

**A gateway to the actuarial profession with internationally recognised qualifications**

- The only programme in Hong Kong accredited by the Institute and Faculty of Actuaries of UK
- Designated as a Center of Actuarial Excellence with University-Earned Credit programme by the Society of Actuaries of North America
- Provides specialist academic and professional training
- Internship opportunities and career prospects in major insurance companies, actuarial consulting firms, investment banks, etc.

6779

### Statistical Decision Sciences Bachelor of Statistics

**Professional Cores in**

- Decision Analytics
- Risk Management
- Statistics

6999

### Computing and Data Science Bachelor of Engineering in Computer Science Bachelor of Engineering in Artificial Intelligence and Data Science



# Why HKU Science



## Global Experiences

Committed to nurturing students as global citizens with overseas experiences such as:

- Worldwide exchange studies
- Overseas Research Fellowship
- Overseas summer courses
- Field trips
- International scientific conferences
- Internships



## International Environment

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



## Top-ranked Scientists

Clarivate Analytics' Essential Science Indicators **20.8%** of our professoriate staff (average over the past decade) are classified **Top 1%** scholars



## Career Prospects

- Essentially **100%** employment rate (includes further studies) in the past decade
- A wide range of career opportunities, spanning fields such as scientific research, technology, business, commerce, healthcare, environmental management, and beyond

## High University Rankings



Asia **#2**  
2025

World **#11**  
2026

Graduate Employability **#10**  
2022



Asia **#6**  
2025

World **#35**  
2025

Most International Universities 2025 **#4**

Interdisciplinary Science 2025 **#13**

## Departments / Schools



**Biological Sciences**



**Chemistry**



**Earth and Planetary Sciences**



**Mathematics**



**Physics**



**Computing and Data Science**

An affiliated School under both the Faculty of Science and Faculty of Engineering

# Special features for Science Curricula

## Young Scientist Scheme (YSS)



*Ample early research experiences for*

- Students in the 6688 Science Master Class Programme
- Outstanding students in the 6901 BSc Programme

## Intensive Majors

*Specialisation and intensive training make experts*



**Biological Sciences**



**Ecology & Biodiversity**



**Mathematics**



**Physics**



**Chemistry**



**Geology**



**Molecular Biology & Biotechnology**

## Accreditations

*Quality assured through recognition by international professional bodies*



**HKIQEP**  
香港環專會



Accredited degree



The Geological Society  
Accredited programme



Royal Society of  
Biology

## Articulation Pathways

*Seamless articulation to widely recognised postgraduate programmes*

- Taught Postgraduate Programmes at HKU Science
- Doctor of Veterinary Medicine (DVM) at University of Melbourne (UoMelb)

## Minor in Science Entrepreneurship

*Opening the doors to science entrepreneurship*

- Visualises how training in science bears relevance to the real world



# Bachelor of Science

Empowers scientific intellectuals  
to formulate solutions to society's challenges

## The Programme

One entry in the application, with a free choice of:

### 11 Science Majors

- Biochemistry
- Biological Sciences
- Chemistry
- Earth System Science
- Ecology & Biodiversity
- Environmental Science<sup>1</sup>
- Food & Nutritional Science
- Geology
- Mathematics
- Molecular Biology & Biotechnology
- Physics

Remark: Subject to change

### 7 Intensive Majors



**Biological Sciences<sup>2</sup>**



**Mathematics**



**Chemistry<sup>3</sup>**



**Molecular Biology & Biotechnology<sup>2</sup>**



**Ecology & Biodiversity<sup>2</sup>**



**Physics**



**Geology<sup>4</sup>**

### Specialisation and intensive training make experts

- Offered alongside with the regular 96-credit Majors
- Provides students with extensive subject knowledge
- Equips students who intend to pursue research in science
- Listed in the transcript
- Has an advantage in job application, postgraduate studies, and when seeking chartered status

Accredited by:



## Key Features

### Academic Advising System

One-on-one academic advice

### Options of 1 Major / 2 Majors / Major-Minor / Major-2 Minors

Students may take a 2<sup>nd</sup> Major or a Minor or 2 Minors in Science or non-Science disciplines

### No Quota nor GPA requirement for any Science Major

### Simple and Flexible

- One entry in application for a choice of 11 Majors and 7 Intensive Majors
- Up to 2 years time to choose a Major
- Flexibility in changing Majors

## Career Prospects

Employers prefer our graduates for their strong numerical, logical, and critical thinking skills.

Our graduates **excel in roles requiring scientific expertise**, including radiochemist, environmental consultant, nutritionists, AI engineer, clinical scientists, meteorologists, geologists, financial analysts, teachers, and forensic scientists.

By equipping students with the skills to address complex **Environmental, Social, and Governance (ESG)** challenges, many of our majors excel in nurturing ESG talent. As the importance of ESG continues to grow globally, our graduates gain a clear edge in the job market and make meaningful impacts.



**Tackling Novel Situations**

Nurtures a scientifically literate population to address the global challenges that human faces and to make wise decisions informed by scientific understanding



**Employment Rate**

**Essentially 100% employment rate** in the past decade (includes further studies)



**Programme website**

Civil Service, 2%

Commerce and Industry, 53%

Educational Institutions, 27%

Community, Social & Personal Services, 18%

**Major Occupations**

Source: HKU Graduate Employment Survey 2023



# Young Scientist Scheme

Ample early research experiences for

- Students in the 6688 Science Master Class Programme
- Outstanding students in the 6901 BSc Programme

## The Scheme

We are committed to providing outstanding students with access to a wide spectrum of scientific research areas, the best science education, and ample early research experiences, thereby incubating the next generation of scientists.

- Biological Sciences
- Chemistry
- Earth & Planetary Sciences
- Mathematics
- Physics



## Key Features



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



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



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



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



**International exchange, visiting or summer study**



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



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



**How to Join**



Year 1

Individual Guidance from Research Mentor

Summer Research Fellowship

Year 2

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

Year 3

International Exchange, Visiting or Summer Study

Year 4

Final Year Project

International Conference

Frontiers of Science Honours Seminar



**Institutions for Overseas Research Fellowship (ORF)**

Examples:

**North America**

- Columbia University
- Johns Hopkins University
- The University of British Columbia
- University of California, Berkeley
- University of California, Los Angeles
- University of Toronto
- Yale School of Medicine

**Europe**

- CERN
- Imperial College London
- University of Cambridge

**Asia**

- Chinese Academy of Sciences
- Fudan University
- Kyoto University
- Peking University

## Students sharing



**Peter WONG**

BSc Alumnus (Major in Biochemistry)  
Participant of an International Influenza Conference in Australia



**Tim SUI**

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

## Attendance in International Scientific Conference

'Participating in this conference broadened my perspective on respiratory virus research. The event featured seminars and presentations on a range of topics, including zoonotic influenza virus spillover, vaccine development, and antiviral efficacy. Beyond the main conference, I also attended the Mini-School of Influenza, a lecture-based programme covering foundational concepts in respiratory virology, public health, epidemiology, surveillance, and research-driven vaccine development. These sessions complemented my studies at HKU and provided an advanced extension of the knowledge I have gained.'

## Eye-opening Visiting Study

'As a member of the Faculty's Young Scientist Scheme, I got the privilege and sponsorship to go to Yale University for a 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.'

# Articulation Pathways

Seamless articulation to widely recognised Postgraduate Programmes



## Taught Postgraduate Programmes

@ HKU Science

Articulates HKU Bachelor Programmes to HKU Science Taught Master Programmes



### Guaranteed admission of outstanding students to Taught Master Programmes

- Provides a convenient channel of specialised training for deepening knowledge in specific fields of science

Full-time study mode of 1 year or 1.5 years

4 YEARS

6901 Bachelor of Science

6729 Bachelor of Science in Actuarial Science

6224 Bachelor of Arts and Sciences in Applied Artificial Intelligence

#### 1 year

- MSc in Environmental Management
- MSc in Integrative Marine Ecology and Conservation
- MSc in the field of Applied Geosciences
- MSc in the field of Food Industry: Management and Marketing
- MSc in the field of Food Safety and Toxicology
- MSc in the field of Physics
- MSc in the field of Space Science
- MSc in the field of Chemical Technologies for Health and Materials

#### 1.5 years

- MSc in Artificial Intelligence

### Application requirements

Students who have completed year 3

With a CGPA of 3.5 at graduation

Fulfilment of the MSc admissions requirements

### Quota

No quota for the aforementioned articulation pathway

Remark: The list of taught postgraduate programmes for this articulation pathway is subject to change



## Doctor of Veterinary Medicine (DVM)

@ University of Melbourne (UoMelb)

Pathway to talented students who aspire to pursue a career in veterinary

### The Programme

#### HKU BSc + UoMelb DVM

In collaboration with University of Melbourne (UoMelb) in Australia, HKU Science provides a pathway to 6901 BSc students with the following majors to articulate into the DVM of the UoMelb:

- Biochemistry
- Biological Sciences
- Ecology & Biodiversity
- Molecular Biology & Biotechnology
- Food & Nutritional Science

### About DVM @ UoMelb



Renowned university in the global arena



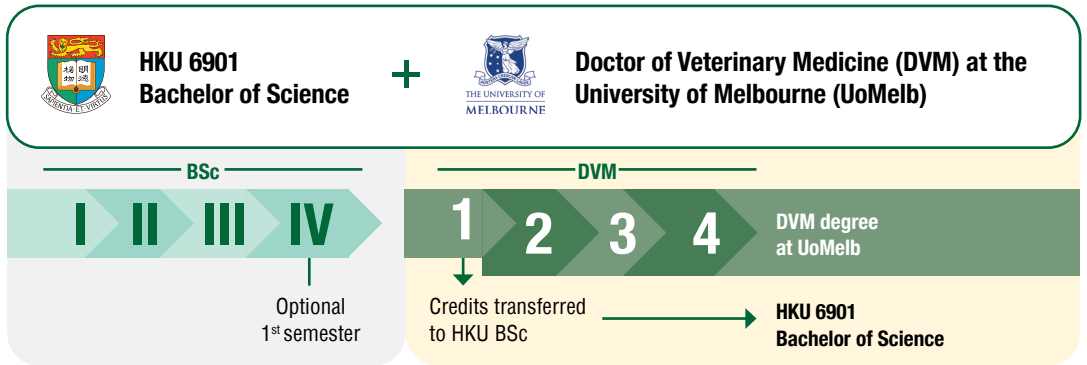
Its DVM programme ranks 25<sup>th</sup> in Veterinary Science of QS World University Rankings 2025



Accredited by the Australasian Veterinary Boards Council Inc. (Australia), American Veterinary Medical Association (USA) and Royal College of Veterinary Surgeons (UK)

### Study Path

Obtains 2 degrees from the 2 universities in as fast as 7 years – the HKU BSc degree and the DVM in UoMelb



### Application Requirements

Requirements for selected HKU Science undergraduate students

6 + 186  
Successful completion of a minimum of 6 semesters gaining 186 credits under BSc 6901 programme

Credits obtained during the first year of DVM at UoMelb can be transferred to HKU as electives for fulfilling the credit requirements of the BSc programme (subject to relevant HKU regulations)

### Programme fees

Students will pay HKU fees and UoMelb fees for their study at HKU and UoMelb, respectively

### Career Prospects



Graduates will be able to register as veterinary surgeons and practise in HK through Veterinary Surgeons Board of Hong Kong and also in many countries such as Australia, UK and US.

### Quota

A maximum of 5 places annually



# Minor in Science Entrepreneurship





Opening the doors to entrepreneurship

## Aims

-  Broadening the horizon of our undergraduate students **with respect to entrepreneurship**
-  Offering more competitive edges to our students by **connecting their academic knowledge with the real world**
-  Bringing students huge insights through **critical analysis of existing enterprises' operation**



## Key Features

-  **Co-taught by other Faculties** such as HKU Business School
-  Strong emphasis **on practical experience:** Internship, Capstone projects
-  **Mentorship** by entrepreneurs or senior staff in industry/business
-  Incorporates **new courses tailor-made for this Minor** such as organisational behaviours, leadership, principles of technology entrepreneurship, science-based innovation development, strategic marketing and user analysis

## Diverse Learning Experiences

### Undergraduate Research Experiences

#### Overseas Research Fellowship (ORF)

Examples:

- Columbia University
- University of California, Berkeley
- Yale School of Medicine
- CERN
- Imperial College London
- University of Cambridge
- Chinese Academy of Sciences
- Fudan University
- Peking University

#### Summer Research Fellowship (SRF) / Undergraduate Research / Colloquium Final-year Projects / Directed Studies

### Field Trips

#### Provide students with hands-on learning experience

Examples of field trip destinations:

- Australia
- Thailand
- Japan
- USA
- Kenya

### International Exchange Studies

**Over 300 partner universities in more than 40 countries, including:**

#### North America

- Harvard University
- University of British Columbia
- Yale University

### Internships

#### Opportunities in

- Government bodies
- Scientific laboratories
- Non-government agencies / NGOs
- Commercial companies

#### Europe

- King's College London
- Technical University of Munich
- University of Oxford

# Accreditations

Quality assured through recognition by international professional bodies

## Hong Kong Institute of Qualified Environmental Professionals

- The Environmental Science Major has been conferred the accreditation
- Students need to complete 11 courses for the accredited pathway and can enrol in HKIQEP's Student Membership during their study at HKU
- Students who graduate on the HKIQEP accredited programme will:



have a fast-track to Professional Membership (only 5 years of work experience needed after the degree)

## Royal Society of Biology (RSB), UK

- Biological Sciences, Ecology & Biodiversity and Molecular Biology & Biotechnology Intensive Majors have been conferred the accreditation
- The Ecology & Biodiversity Intensive Major is the first programme of its kind accredited by RSB in Asia
- Students completed the RSB accredited programme will be awarded a certificate by the School of Biological Sciences, with authorisation by the RSB, to recognise their achievements
- Graduates will receive one year of guest membership of RSB at Associate level, helping them to:



stay up-to-date with what is happening across life sciences



gain additional recognition for their skills and experience



demonstrate their support for the future of biology



develop their professional network

## Royal Society of Chemistry (RSC), UK

- Exclusively for students who wish to specialise in chemistry
- Students completed the RSC accredited Chemistry Intensive programme will be awarded a certificate by the Department of Chemistry with authorisation by RSC to recognise their achievements
- All students in the final year of this accredited programme are qualified to apply for membership to RSC



## The Geological Society, UK

- Students completed specified Geology Intensive programme and fulfilled the specific project requirement in EASC4999 Earth Sciences Project will receive an accredited degree which provides an accelerated route to achieve the qualification
- Students completed The Geological Society accredited programme will be awarded a certificate by the Department of Earth and Planetary Sciences with the authorisation by the Society to recognise their achievements
- Qualification recognised internationally and in Hong Kong, and chartered geologists are regarded as professionally equivalent to chartered engineers





# Science Master Class

Learn from the Best Minds  
Be Inspired by Our Science Masters

Double degree programme for elite students

## The Programme

Provides a fast-track of study for talented students:



Completing 2 degrees  
at an accelerated pace



Disciplinary-based intensive study for  
research-aspired students

- Caters specifically to the needs of science-inclined students, with more learning opportunities, intensive training and inspirations
- Allows research-aspired students to immerse themselves in an authentic research environment and learn from Grand Masters and Masters with diverse backgrounds in Science
- Incubates the next generation of dynamic scientists who are able to translate scientific knowledge into practical applications with far- and wide- reaching impacts

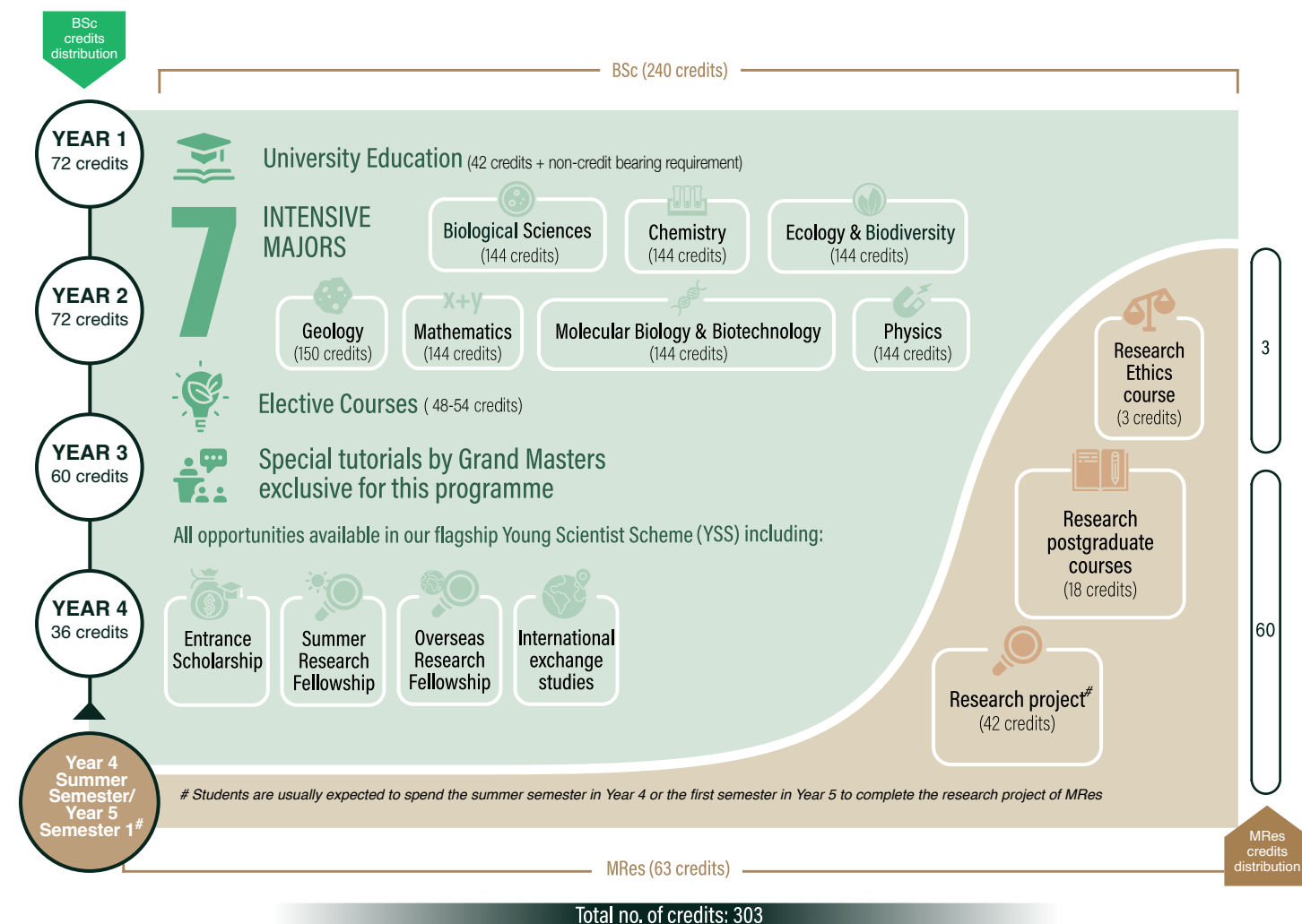
Remarks: Students in the programme have to maintain a high CGPA in order to remain in this double degree programme or else they have to switch to the 6901 BSc programme

## Ample Opportunities available in our flaship Young Scientist Scheme (YSS)

- Summer Research Fellowship
- Overseas Research Fellowship
- Entrance Scholarship
- Exchange Study

## Learning from Renowned Scientists Including

- Members of Chinese Academy of Sciences
- Members of Academy of Sciences of Hong Kong
- Members of Hong Kong's Young Academy of Sciences
- International Member for US National Academy of Sciences
- Foreign Member of Academia Europaea
- Awardees of State Natural Science Awards
- A number of highly cited scientists



## Career Prospects



### Professional recognition

5 Intensive Majors\* fulfil accreditation requirements of various societies in the UK



- Biological Sciences (Intensive)
- Ecology & Biodiversity (Intensive)
- Molecular Biology & Biotechnology (Intensive)



- Geology (Intensive)



- Chemistry (Intensive)

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



### Career development & network

- Nurtures students who intend to pursue research in science
- After completing the BSc and the MRes, students will be fully equipped to further pursue graduate studies in prominent universities overseas or in HKU
- Builds a consortium of young researchers for cross fertilisation of innovative ideas and facilitate possible multidisciplinary projects



### Transferable skills

- Provides students with extensive subject knowledge and specialised training
- Nurtures a scientifically literate population to formulate solutions for challenges



Programme  
website

# Bachelor of Science and Bachelor of Laws

Nurtures professionals with scientific and legal knowledge in a STEM-driven society

## The Programme

### LAWS (156 credits)

- Foundational legal concepts and systematic honing of professional skills such as critical thinking, analytical and problem-solving skills, etc.  
Courses on case reading, legal research and writing and statutory interpretation, etc.
- Valuable experiential learning opportunities  
Experiential learning courses

### SCIENCE (96 credits)

- Scientific knowledge & research skills  
Lectures, laboratory courses and workshops

### INTERDISCIPLINARITY (12 credits)

- Cross-disciplinary knowledge, analytical and evaluation skills
- Independent research experience with original thinking  
Research projects, field camps and project-based courses
- Work experience  
Internships, placements

### UNIVERSITY EDUCATION (36 credits)

- Language Courses
- Common Core Courses
- Non-credit bearing requirement

Interdisciplinary knowledge and skills in SCIENCE and LAW



Double degree programme  
Attaining 2 degrees in 5 years  
(300 credits)

## Key Features



**First of its kind** in Hong Kong for students who intend to develop expertise in both science and law



Cultivates **legal and scientific mindsets** for academic talents



Copes with the soaring demand of **patent practitioners and legal professionals** in the technology industry



Feeds into the development of **science talents** who are capable of handling a wide variety of innovation-related matters such as patent applications

## Career Prospects & Articulation Pathways

### Transferable skills

- Provides students with extensive subject knowledge and specialised training in law and science
- Nurtures a scientifically literate population with legal knowledge to formulate solutions for challenges

### Articulation

- Eligible to apply for the Postgraduate Certificate in Laws (PCLL) after completing the double degree programme
- In a position to apply for other postgraduate programmes in law or science



Educational institutions



Entrepreneurs in biotechnology industry



Researchers in the fields of science or law



• Community, social & personal services  
• Environmentalists



• Commerce and industry  
• Business compliance professionals in technology companies



Government or regulatory officials handling intellectual property/technology-related matters



• Further studies in science  
• Professional qualifications in business management, accountancy, corporate administrations, etc.



Solicitors, barristers of in-house counsel (specialising in intellectual property/technology-related matters)

## World Rankings

### Law



#30

by subject 2025



#15

by subject 2025

### Science



Life Sciences #45

by subject 2025

Physical Sciences #41

by subject 2025



Natural Sciences #58

by subject 2025

Life Sciences & Medicine #34

by subject 2025



Programme website



# Embark on an Inspirational Journey with School of Computing and Data Science (CDS)

A new school under the Faculty of Science and Faculty of Engineering encompassing three departments: Computer Science, AI & Data Science, and Statistics & Actuarial Science, has been established, with a mission to consolidate and foster education and research related to Computing, Data Science, Statistical Sciences, and Artificial Intelligence.

## Programmes under CDS

### 6224 Bachelor of Arts and Sciences in Applied Artificial Intelligence

BASc(AppliedAI)

### 6248 Bachelor of Arts and Sciences in Financial Technology

BASc(FinTech)

### 6729 Bachelor of Science in Actuarial Science

BSc(ActuarSc)

### 6779 Statistical Decision Sciences Bachelor of Statistics

BStat

Professional Cores in

- Decision Analytics
- Risk Management
- Statistics

### 6999 Bachelor of Engineering in Computer Science

BEng(CompSc)

### Bachelor of Engineering in Artificial Intelligence and Data Science

BEng(AI&DataSc)



SCHOOL OF  
COMPUTING &  
DATA SCIENCE  
The University of Hong Kong



About  
CDS

BASc(AppliedAI)

6224

BSc(ActuarSc)

6729

6224

## Bachelor of Arts and Sciences in Applied Artificial Intelligence

Impacts the world with the limitless power of AI

### The Programme

- Highlights **diverse AI applications** to help students develop intellectual capacity for meeting new challenges
- Emphasises **problem-based learning** with a wide range of courses: computer science, geography, mathematics, psychology, statistics and urban studies
- Delivers both **fundamental and practical knowledge in the design and construction of intelligent systems** to fit into different career settings
- Nurtures students to **transfer interdisciplinary scientific knowledge** into a range of integrated applications and technological innovations

### Key Features



**Interdisciplinary programme for elite students**  
Provides formal academic training to elite students who wish to join the AI profession



**Featured concentrations**

- AI
- Technology
  - in Business and Finance
  - in Smart City
  - in Medicine
  - in Neurocognitive Science



**Interdisciplinary training**  
Facilitates a coordinated approach in collaboration with the Faculties of Engineering, Social Sciences and Architecture



Programme  
website

6729

## Bachelor of Science in Actuarial Science

A gateway to the actuarial profession with internationally recognised qualification

### The Programme

Provides specialist academic and professional training in actuarial science

Prepares students for professional examinations to Associateship level

**UK** Institute and Faculty of Actuaries  
**North America** Casualty Actuarial Society and Society of Actuaries

where graduates will be exempted from various professional examinations

**UK** Institute and Faculty of Actuaries  
**North America** Society of Actuaries

Offers courses with Validation by Educational Experience (VEE)

**North America** Casualty Actuarial Society, Society of Actuaries and Canadian Institute of Actuaries

### Key Features



**Accreditation:** The ONLY programme in Hong Kong accredited by Institute and Faculty of Actuaries



Institute  
and Faculty  
of Actuaries



**Professional recognition:** The Department of Statistics & Actuarial Science has been designated a Centre of Actuarial Excellence by the Society of Actuaries since 2011

Their University-Earned Credit programme allows students to obtain credit for preliminary exams by achieving a required exam mark in specified BSc(ActuarSc) courses



Programme  
website



6779

**Statistical Decision Sciences****Bachelor of Statistics****Professional Cores in Decision Analytics, Risk Management, Statistics****The Programme**

It aims to provide comprehensive training to students in the area of quantitative analysis and statistical modelling, with an emphasis on both theory and practice, equipping students to master problem solving skills and data science techniques.

**Key Features**

In Statistical Decision Sciences, three specialised Professional Cores\* are offered under the degree Bachelor of Statistics (BStat), namely:

- (1) **Decision Analytics**
- (2) **Risk Management, and**
- (3) **Statistics.**

Students shall make a preliminary choice of a Professional Core as an indication of their preferences from second year, and will be allowed to switch between the Professional Cores according to their interests, with no limit on quota, during their studies.

*\*Upon completion of the programme, the Professional Core will be displayed on the transcript, indicating the specialisation of the BStat degree awarded to each graduate.*



**Programme website**

**Professional Recognition**

6248

**Bachelor of Arts and Sciences in Financial Technology****The Programme**

Jointly offered by the School of Computing and Data Science and the Business School, this programme seeks to empower financial technologists and entrepreneurs with integrated knowledge in finance and technology to pioneer the application of FinTech. The interdisciplinary degree programme combines computing, finance, and policies and regulations to furnish you with a solid foundation in FinTech disciplines.



**Programme website**

6999

**Bachelor of Engineering in Computer Science****[BEng(CompSc)]****Bachelor of Engineering in Artificial Intelligence and Data Science [BEng(AI&DataSc)]****The Programme**

BEng(CompSc) and BEng(AI&DataSc) are two professional degree programmes designed to equip students with the necessary skills and knowledge to excel in the rapidly evolving field of computing, AI, data science, and other transformative technologies. They provide a comprehensive education that prepares students to be leaders in their field, driving innovation and shaping the future technology. BEng(CompSc) has been accredited by The Hong Kong Institution of Engineers. Meanwhile, BEng(AI&DataSc) is a new programme, accreditation has been planned and will be sought as soon as the first cohort graduates.



**Programme website**

**Bachelor of Education and Bachelor of Science**

Consolidates scientific knowledge through practical experience and teaching in science

**The Programme**

**Integrated programme offering both Academic and Professional studies**

**5-year double degree programme (300 credits)**

**Science Major & Education Core Courses**

Requires students to complete 300 credits of course units including:

- Science courses to fulfil the requirement of a Science Major
- Education professional core courses with the Faculty of Education

**Key Features****Professional training:**

- Incorporates a graduate teaching qualification equivalent to a BSc plus a Postgraduate Diploma in Education
- Pedagogy courses and Teaching Practice in Hong Kong secondary schools

**Career Prospects**

Thorough knowledge of Science subjects, broad understanding of educational issues, and high level classroom expertise prepare graduates for teaching Science at all levels in local secondary and international schools

Graduates also find employment opportunities in industrial and government sectors in which BSc graduates are often employed



**Programme website**



# Listen to Our Students

Why public exam high achievers chose our programmes?



## Biological Sciences

**JIANG Xin**  
BSc student  
(major in Biological Sciences and minor in Mathematics)

HKU recognised my academic efforts and excellence with a full scholarship upon admission. This acknowledgment, along with the diverse opportunities offered across subject fields, played a key role in my decision. I've participated in research labs, marine biology programmes, and regional market studies, gaining both scientific and transferable skills. Choosing HKU and the Faculty of Science has been one of the most rewarding decisions I've ever made.



## Chemistry

**LOO Sum**  
BSc&MRes student  
(major in Chemistry (Intensive) and minor in Chinese Language and Literature)

I chose HKU because it's the best university in Hong Kong and offers the top programme for elite science students. My passion for chemistry, blending theory and experiments, made this programme ideal for achieving my goals. A key benefit has been the Summer Research Fellowship (SRF), which gave me, as a first-year student, the rare chance to work in a professional lab under HKU professors. These experiences and mentorship have shaped my journey toward a career in chemistry.



## Molecular Biology & Biotechnology

**Kornelia PIOSIK**  
BSc student  
(major in Molecular Biology & Biotechnology (intensive))

Committing to a university located six time zones away from home was not an easy decision. However, the abundant research opportunities at HKU and its flexible yet focused educational pathways convinced me that becoming an HKU student would equip me with essential skills for my future career. Initially drawn to the wide range of majors offered within the BSc programme, including both regular and intensive majors. I was excited to be offered a place in the research-focused Young Scientist Scheme. This programme provides me with mentorship throughout my undergraduate studies and the opportunity to participate in the Summer Research Fellowship Scheme, where I will gain practical laboratory experience this summer.

## Career Prospects

### QS World Graduate Employability Rankings



HKU 2022 **#10**

### Major occupation of HKU Science graduates

**53%** Commerce and Industry

**18%** Community, Social & Personal Services

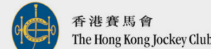
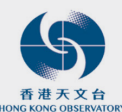
**27%** Educational Institutions

**2%** Civil Service

### Some of our graduates' first employers

AECOM

Bloomberg



## Articulation to DVM@UoMelb

**Jason WONG**  
BSc student  
(major in Molecular Biology and Biotechnology)

I was genuinely interested in biology since high school, and I was aware that there is an articulation pathway with this degree to Veterinary Medicine (DVM), which further encouraged me to join this programme. The Major provides specialised training in molecular and cell biology and translating basic knowledge into industrial and medical applications, with research opportunities to work in animal labs, where the concept of biosecurity and animal husbandry were first introduced to me. I further explored my interest in the field by volunteering at vet clinics. These experiences fueled my desire to become a veterinarian, leading me to enroll in the DVM programme at The University of Melbourne.



## Science and Law

**Angela LAM**  
BSc&LLB student  
(major in Chemistry)

This programme is the first of its kind provided to students in Hong Kong. I was really excited when I found this programme and was really interested in its interdisciplinary courses. For Science, this programme offers me with chances to explore more about Chemistry, equivalent to a Bachelor of Science Student. For law, I could also apply for the Postgraduate Certificate in Laws (PCLL) upon completion of this programme, equivalent to a Bachelor of Laws student.



## Food and Nutritional Science

**Regina WONG**  
BSc alumna (2025)  
(major in Food and Nutritional Science and minors in Kinesiology and Japanese Language)

HKU's flexible curriculum gave me the freedom to explore my interests in my first year, allowing me to try out different introductory courses before deciding on my major. This helped me discover my passion for Food and Nutritional Science. The university also encourages students to pursue a second major or minor, so I chose Kinesiology, which complemented my major and offered hands-on lab experiences. Additionally, I fulfilled my dream of learning Japanese as a second minor. The diverse elective options and collaborative learning environment truly enriched my university experience and personal growth.



## Environmental Science

**Mark CHEUNG**  
BSc alumna (2024)  
(major in Environmental Science)  
Sustainability Analyst at  
Schneider Electric Sustainability Business

I am dedicated to addressing the climate crisis and promoting climate justice. The Environmental Science Major in the Bachelor of Science programme does not only give me the fundamental knowledge to fight climate change. Its interdisciplinary nature and interconnectedness of climate change across different areas offered me unique perspective and confidence to voice my opinions in international initiatives, such as being the leader of the first university student delegation from Hong Kong to attend the Conference of the Parties (COP27).



## Mathematics

**LI Shuangping**  
BSc alumna (2017)  
(Major in Mathematics)  
Assistant Professor at Yale University

HKU gave me my first opportunity to experience the world beyond. Through the exchange programme, I spent a semester in my third year at the University of California, Berkeley, where I engaged in reading courses and research projects and gained a glimpse of academic life in the US. That experience expanded my perspective both academically and culturally. It inspired me to apply for PhD programmes in the US. Looking back, HKU was not just where I studied; it was where I grew up intellectually. The faculty's kindness, the friendships I formed, and the intellectual atmosphere all played a critical role in shaping who I am today.



## Physics

**Brian CHAN**  
BSc Alumnus (2015)  
(major in Physics and Astronomy)  
Senior Director at FIT Consulting Hong Kong

My experience studying physics at HKU provided valuable research and mathematical skills that have been essential in my AI work. My scientific background provides me with the ability to bring rigour and precision to the business world, resulting in the development of better algorithms. Physics also taught me to tackle complex problems by breaking them down, a skill that one finds useful in all aspects of life. Science graduates are highly sought-after, especially if they also possess strong interpersonal and presentation skills.

Our students pursue further studies in a broad range of science and non-science disciplines at renowned institutions in

**30.5%** Graduates pursued further studies in 2023





# Admissions Requirements

## JUPAS Applicants

Minimum programme entrance requirements:

English Language

Chinese Language

Mathematics

Citizenship and Social Development

Elective Subjects: Category A subjects and Extended Module 1 or 2 in Mathematics (M1/M2)

### Key programmes

6901 BSc	Level 3	Level 3	Level 2	Attained	Level 3 in 2 subjects <sup>^</sup>
6688 BSc&MRes	Level 3	Level 3	Level 4	Attained	Level 3 in 2 Sciences <sup>#</sup> or Level 3 in 1 Science <sup>#</sup> & M1/M2
6858 BSc&LLB	Level 5	Level 4	Level 2	Attained	Level 3 in 2 subjects <sup>^</sup>

### Other programmes

6119 BEd&BSc	Level 3	Level 3	Level 2	Attained	Level 3 in 2 subjects <sup>^</sup>
6224 BAsC(AppliedAI)	Level 4	Level 3	Level 3	Attained	Level 3 in 2 subjects <sup>^</sup>
6248 BAsC(FinTech)	Level 4	Level 3	Level 3	Attained	Level 3 in 2 subjects
6729 BSc(ActuarSc)	Level 3	Level 3	Level 4	Attained	Level 4 in M1/M2 Level 3 in 1 subject
6779 Statistical Decision Sciences	Level 3	Level 3	Level 4	Attained	Level 3 in 2 subjects
6999 Computing and Data Science	Level 3	Level 3	Level 3	Attained	Level 3 in 2 subjects <sup>y</sup>

<sup>^</sup> One of the elective subjects must be a Science subject: Biology, Chemistry or Physics

<sup>#</sup> Science elective subjects: Biology, Chemistry or Physics

<sup>+</sup> Level 3 or above in Mathematics Extended Part (Module 1 or 2) is preferred

<sup>y</sup> Level 3 or above in one of the following subjects: Biology, Chemistry, Physics, Economics, or Information and Communication Technology; Level 3 or above in Mathematics Extended Part (Module 1 or 2) is preferred

## Non-JUPAS Applicants

Students holding non-HKDSE qualifications are considered on an individual basis



**HKU Undergraduate Admissions**



**BSc, BSc&MRes and BSc&LLB**

Faculty of Science

HKU Science



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



3917-2683



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