

Undergraduate Prospectus 2021



HKU
Med

Message From the Dean

There has never been a better time to pursue a career in the health professions – and to start your journey at HKUMed. COVID-19 has put the spotlight on the importance of health to every aspect of our lives and increased demand for healthcare professionals. At the same time, HKUMed has been moving at lightning speed to advance our capabilities and meet the challenges and opportunities of the digital age. Our focus is on training leaders for the future, not only for today. The pandemic is a case in point. The years of groundwork by our scholars enabled them to be at the forefront in producing ground-breaking research that has been honoured around the world.

The high quality of our teaching and research efforts earned HKUMed a record-high ranking in the Times Higher Education subject ranking this year. We are ranked 1st in Hong Kong, 3rd best in Asia, and among the top 20 medical schools in the world – the first time we have cracked the top 20 since the rankings were launched a decade ago. Our research grabs the headlines, but this is also testimony to the value-laden education we provide for our students.



HKUMed students all receive rigorous training in their chosen disciplines, plenty of enrichment opportunities for personal and professional growth (including exchanges out of Hong Kong as these resume), exposure to innovative learning technologies, interprofessional training and encouragement to step outside your comfort zones and engage with unfamiliar situations and people. The world in all its complexities becomes your oyster when you are here.

We also keep a sharp focus on ensuring that your learning is forward-looking. Learning technologies is only one aspect of this. In your future careers, you will undoubtedly encounter the fruits of big data and artificial intelligence as applied to healthcare. Data science is now an essential part of the training we provide. Furthermore, we have launched a Bachelor of Science in Bioinformatics that will skilled in applying and innovating across a wide range of high-impact biomedical big data applications. These skills are in demand in research, industry and the healthcare sector.

To accommodate new technologies and increased enrolment in our seven programmes (which include the MBBS, BNurs, BChinMed, BPharm, BBiomedSc, BASc in Global Health and Development and BSc in Bioinformatics), you will have noticed that we are also in the midst of a major physical expansion. The 3 Sassoon Road complex will be ready in time for the start of the 2022-23 academic year and house the School of Nursing and School of Chinese Medicine. More developments are planned along Sassoon Road and at Grantham Hospital to further our learning and research environment and open new pathways for collaboration and innovation.

HKUMed offers an invaluable education to students who are inquisitive, energetic and passionate about helping others. Our current rankings tell only part of the story – the quality of our alumni testifies to the fact that we produce leaders who have positive impacts in the world. As we celebrate our 135th anniversary this year, I hope that you will join us and become part of our rich and honourable legacy.

Professor Gabriel M Leung
Dean of Medicine



About HKUMed

HKUMed is this year celebrating its 135th anniversary, making it the oldest institution of higher education in Hong Kong. We have a long reputation as a pioneer in medical education, training and research, while proudly upholding a reputation for morality, vision and care.

The challenges of the COVID-19 pandemic have highlighted how crucial medical education is to society. From providing care to patients, to leading crucial research that drove policy decisions, we are honoured to serve the global community.

In the face of these challenges, we have achieved a historically high ranking for “clinical and health” subjects in the 2022 Times Higher Education World University Rankings. The Faculty now ranks in 20th position globally and 3rd in Asia for this category.

We are proud to continue our tradition of spearheading achievement from our campus on Sassoon Road. We have trained thousands of healthcare practitioners and scientists, as well as many internationally renowned researchers and policy-makers.

Each year, we admit almost 640 students across seven programmes, which include the MBBS, BNurs, BChinMed, BPharm, BBiomedSc, BASc(GHD) and BSc(Bioinformatics), and our student body is one of the largest for a single Faculty, totalling more than 4,850 people.

Teaching

More than 320 full-time staff from our 18 departments and schools deploy the latest technologies, such as virtual reality, to engage students in the classroom. These full-time teachers are supplemented by honorary teachers, most of whom are medical professionals.

Research

Research is an important part of HKUMed's global reputation and with 5 of our members ranked among the top 1% of scholars in their field in terms of citation and recognition. We are always looking ahead to the next breakthrough while nurturing our existing areas of expertise. As such, HKUMed researchers stand at the forefront of research into COVID-19 and infectious diseases globally with two of our scientists receiving the 2021 Future Science Prize in Life Sciences for their work. Our researchers are supported by ample funding, state-of-the-art facilities and the Faculty's extensive worldwide networks.

Clinical Service

HKUMed delivers superlative clinical service and provides robust clinical governance in all settings that we serve. Our four affiliated hospitals under the HKU Health System offer valuable opportunities for students to learn more and learn better. These hospitals also represent the Faculty's leading status in healthcare management in Hong Kong and the region.

Our members engage in a wide range of activities to share their knowledge and expertise to benefit Hong Kong society as a whole.

HKUMed graduates are a testament to the excellent education we provide and have gone on to become the leaders in their fields in Hong Kong and the world.



Faculty's Firsts

The Faculty has always been at the forefront of medical research and development of new clinical services for the benefit of mankind. With our researchers' toil and persistence, we have made important contributions to the study and treatment of cancers and liver diseases, and have made notable advances in tissue typing, spinal surgery, infectious diseases, in-vitro fertilisation, endocrinology and tobacco-related diseases.

1959

First transoral approach performed for the surgical treatment of upper cervical spine dislocations and tuberculosis in the world

Pioneered anterior approach for surgical treatment of spinal tuberculosis, known as the "Hong Kong Operation"

1964

First Pharyngo-laryngo-oesophagectomy in the world

1969

First kidney transplant in Hong Kong

1977

First microsurgical thumb replant in Hong Kong

1983

First antenatal screening for hereditary blood disease established in Hong Kong

1989

First maxillary swing operation for recurrent nasopharyngectomy in the world

1990

First bone marrow transplant in Hong Kong

1991

First liver transplant in Hong Kong

1992

First heart transplant in Hong Kong

1994

First allogeneic cord blood transplant in Hong Kong

First emergency adult-to-adult left lobe living donor liver transplant in the world

1995

First lung transplant in Hong Kong

First baby in Hong Kong conceived through intracytoplasmic sperm injection was delivered

1996

First in the world to conduct an adult-to-adult right lobe living donor liver transplant

First in Asia to show improved respiratory health in children in response to pollutant reduction after the implement of anti-air pollution law

2000

First intervertebral disc transplant in humans in the world

2001

First catheter based endomyocardial transplant of autologous bone marrow stem cell for treatment of severe coronary artery diseases in the world

First radiofrequency ablation for cancers in Hong Kong

2003

First to discover the SARS coronavirus

First to identify the source of SARS coronavirus infection

2004

First to characterize the epidemiology of SARS coronavirus

2005

First to identify the natural reservoir of SARS coronavirus

2008

First in the world to develop and launch a publicly accessible index (Hedley Environment Index) with hourly estimation of air pollution impact on adverse health outcomes and economic costs

2009

The world's first remotely controlled expandable device implantation surgery to treat children with scoliosis

2010

First to develop a patented prescription drug, an oral arsenic trioxide preparation for the treatment of acute promyelocytic leukaemia

First combined heart and liver transplant in Hong Kong

2011

First extra-cranial intravenous-cranial vascular bypass and craniofacial resection for locally advanced recurrent nasopharyngeal carcinoma in the world

2012

First in the world to describe a model of coronavirus evolution, based on the 23 novel human and animal coronaviruses discovered over 10 years

2013

First to characterize the epidemiology of H7N9 influenza in the world

2014

First subcutaneous implantable cardioverter defibrillator in Asia
First exome-chip analysis of lipid traits in Chinese

2016

First live birth by assisted reproduction with preimplantation genetic screening (PGS) using next generation sequencing for couples having chromosomal error in Hong Kong

2018

First comprehensive study of MERS coronaviruses in Africa

First invention of universal antibody drug for HIV-1 prevention and immunotherapy

2019

First magnetic sphincter augmentation for gastroesophageal reflux disease in Asia

MBBS

Medicine & Surgery



HKU
Med

MBBS



- + **Our MBBS curriculum aims to produce doctors who are forward-thinking, well-informed and capable of delivering elective, humane and ethical medical care. We also prepare you to engage in lifelong learning and to have the skills necessary for postgraduate training.**

These goals are delivered across each of our four themes, which cover the range of areas pertinent to doctoring:

- Human Biology in Health and Disease
- Professional Skills: Diagnostic, Problem Solving, Effective Communication and Clinical Management
- Population Health, Health Services, Economics and Policy
- Medical Ethics, Professional Attitudes and Behaviour



Six Years, In A Nutshell

The MBBS curriculum runs for six years, or 12 semesters.

During your studies, you will build on acquired knowledge, starting with pre-clinical education and advancing to clinical clerkships, where you will put your skills and understanding to work.

The structure is as follows:



Years 1–2

Biomedical Sciences Curriculum

- Introduction to the Art and Science of Medicine
- System-based Blocks



Year 3

Enrichment Year



Years 4–6

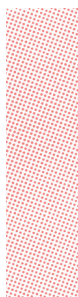
Clinical Curriculum

- Clinical Foundation Block
- Clinical Clerkships
- MBBS Elective





+ The curriculum is being constantly renewed in light of emerging knowledge and societal needs to ensure your training is fit-for-purpose and forward-looking. It is not without good reasons that many of the leaders in our field are HKUMed graduates!



Programme Features

The MBBS curriculum is not only about training doctors but also personal development and fulfilment. Our programme provides you with ample opportunities for personal growth that will carry you well into your later years when you will serve and excel as responsible citizens, colleagues, teachers and friends within our profession and community.





Active and Student-centred Learning

Problem-based, small-group tutorials require every student to participate and be active in managing their learning, and to question both what and how they learn. These tutorials are also effective for developing your interpersonal communication and teamwork skills - how to argue, agree, disagree and agree to disagree.

Multimedia Learning

Your learning will take place through an innovative “blended” approach of conventional classes, small-group tutorials and e-learning resources. The latter will enable you to learn at your own pace and time, and they will be supplemented by interactive forums to discuss clinical cases that give you an opportunity to apply your learning.

Early Clinical Exposure and Structured Acquisition of Clinical Interpersonal Skills

From as early as the first semester of Year 1, you will start learning the interpersonal and clinical skills necessary for effective and compassionate care for patients. This exposure will gradually increase in terms of mastery and complexity. Much of the learning will take place in the purpose-built Clinical Skills Training Centre, assisted by a well-developed clinical skills e-platform.



Enrichment Opportunities

Our programme goes well beyond vocational training. Your third year of study, which we call the Enrichment Year, will give you an unprecedented opportunity to explore areas of interest to you in either medical or non-medical fields, in Hong Kong or abroad, and design your own learning programme. Similarly, in Year 6, after the final examination, the four-week MBBS Elective lets you delve into a medical area of your choice.

Comprehensive Hospital-based, Community-based and Primary Care Experience

Alongside learning that takes place within hospitals, you will gain first-hand experience in a wide variety of community-based settings that involve family physicians, maternal and child health services, hospices and patient support groups. You will gain a holistic perspective on patient management and understand the importance of judicious use of healthcare resources and effective integration between primary and secondary care.





Focus on Medical Ethics and Humanities

Ethical principles and humanitarian values are absolutely essential for doctors to meet the needs and demands of 21st century healthcare. You will learn how these principles and values underpin healthcare practice, as well as your professional and legal obligations, through the medical ethics and medical humanities programmes.

Practising Scientific Research

Research requires you to develop intellectual and analytical skills, which can apply across a wide range of situations, and HKU actively encourages its undergraduate to undertake research. As a medical student, you will participate in Health Research Projects that lead to output in the format of a scientific journal. Your research can be clinic-based or laboratory-based research and it can either be part of a project with Faculty staff members or one that you initiate on your own under the supervision of a teacher during the Enrichment Year/MBBS Elective.

Inter-professional Learning

Inter-professional education is an emerging and progressive area in modern healthcare where students will learn with and learn from those in other disciplines. This Faculty has taken the lead to introduce an inter-professional pathway so that medical, nursing, pharmacy students can have the opportunities to interact and to work with each other - much like the real-life situation after your graduation. For students with demonstrated academic potential and a genuine interest in developing inter-professional knowledge, skills, competence and expertise, the Faculty will offer them the opportunity to enrol in intercalated programmes, e.g. with Master of Public Health, with the support of scholarships.





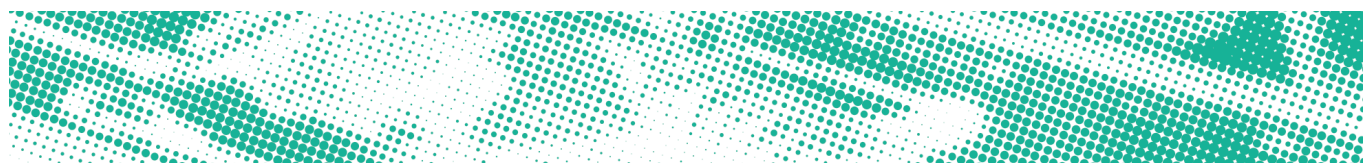
Years 1 and 2: Biomedical Sciences Curriculum

The Biomedical Sciences Curriculum is the foundation of our MBBS.

You will acquire health sciences knowledge and basic skills in self-directed learning, by studying actual patient cases. You will also have your first exposure to patients through community visits, where you will learn about their care in their social and economic contexts.

The Biomedical Sciences Curriculum will include the following clusters:

- **Introduction to Health Sciences** - to strengthen your foundation in basic and health sciences.
- **Professionalism and Clinical Skills** - to gain an overview of the processes of diseases and an introduction to the therapeutic strategies for modulating disease processes.
- **Precision Medicine** - to explore the exciting innovations in treating disease at the frontiers of genetics and genomics, artificial intelligence, robotics and others.
- **Medical Humanities, Ethics and Law** - to learn about the ethical and legal implications of modern medical care, medical humanities and professionalism.
- **Medicine and Society** - to learn about caring for the patient as an individual, and as a member of a family and a community.





Introduction to the Art and Science of Medicine (13 weeks)

Most people think of medicine as a science when it should be more correctly understood as an art based on science, where care is delivered in an evidence-based and compassionate manner. This module under the Biomedical Sciences Curriculum will familiarise you with the methods and philosophy of modern medical practice. It will be one of the first things you study at HKUMed and is organised under the following modules:

- Molecules of Medicine
- Cells, Tissues & Systems
- Infections and Host Defence
- Drugs in Action

System-Based Blocks (47 weeks)

The complexity of human health is reflected in our system-based blocks, where you will acquire an understanding about the workings of the human body during the second semester of Year 1 and the entire Year 2. The six system-based blocks cover:

Cardiopulmonary and Renal Systems; Gastrointestinal System; Musculoskeletal System; Head, Neck and Nervous System; Haematology and Immunology System; and Endocrine and Reproductive Systems.



Year 3: Enrichment Year

The Enrichment Year (EY) is a credit-bearing component giving each MBBS III student the means to take charge of your learning and tailor activities to your interests and desires.

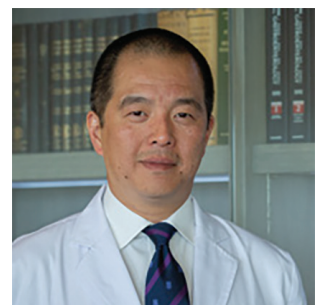
EY is specially designed to facilitate the enhancement of your total learning experience. You will be able to formulate your EY through three different categories: Service/Humanitarian Work, Research Attachment and Intercalation.

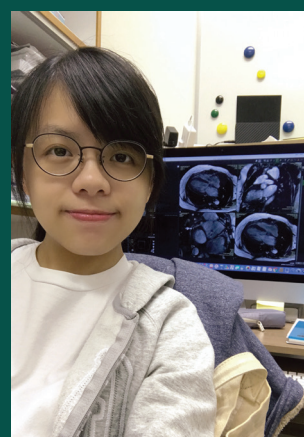
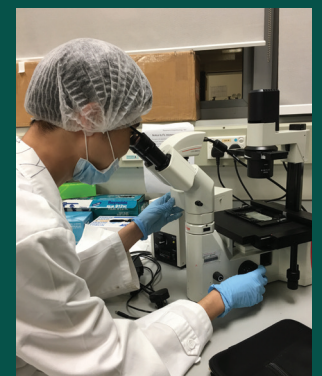
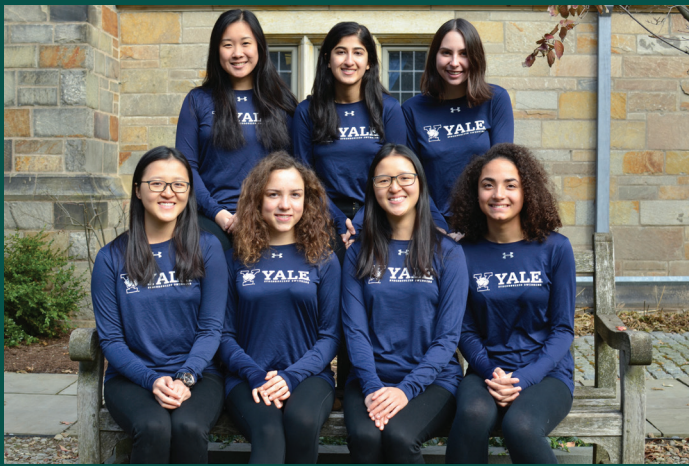
You may take part in a humanitarian relief mission at remote locations, experience medical camps in under-developed countries, or work locally with NGOs via Service/Humanitarian Work. For those with investigative minds, research internship locally in HKU or internationally at world class laboratories fit perfectly with Research Attachment. Through Intercalation, you are able to enjoy electives or minors at HKU or full-year articulation studies at overseas renowned universities.

Overall, our Enrichment Year is aligned with HKU's six educational aims to enable you to develop capabilities in pursuit of academic/professional excellence, critical intellectual inquiry, tackling novel situation, critical self-reflection, communication and collaboration, and leadership.

“The Enrichment Year programme is the first of its kind in the world. One of the main purposes is to allow our students to gain a broader experience about the human condition. We would like them to see something outside the hospitals, about how people actually live, and how they struggle with life’s problems.”

Professor Gilberto Leung
Associate Dean (Teaching & Learning)







365+

Students
went overseas in

35

Countries/regions
Across **5 continents** for Intercalation, Research
Attachment and/or Service/Humanitarian Work

Service / Humanitarian Work

45+

Participating local / overseas NGOs such as PathFinders, Hong Kong Red Cross, Salvation Army and Caritas Hong Kong



**INTERNATIONAL
VOLUNTEER HQ**

Research Attachment

195+

Research projects at labs of HKU or renowned institutions such as University of Cambridge, Yale University and The University of British Columbia



Yale University



THE UNIVERSITY
OF BRITISH COLUMBIA

Intercalation

170+

Students went on
exchange in **22 countries / regions**

120+

Degrees earned (including
intercalated degree and
master's degree)

95+

Top-notch overseas institutions including Harvard Medical School, Queen Mary University of London, King's College London and The London School of Hygiene & Tropical Medicine



Queen Mary
University of London





“My dream is to become a doctor who serve the disadvantaged... This was the reason that I chose to engage in this full-year service, to see the needs of the disadvantaged with my own eyes and to have a first-hand experience of what humanitarian work is like.”

Lie Hao

Service/Humanitarian Work – Internship at Light and Life Association, Cambodia

“My horizons were broadened after my stay in Red Cross... During emergencies such as large-scale traffic accidents and fatal fire accidents, my team would go to the frontline and provide psychological support to the affected ones.”

Chan Kwing Fai

Service/Humanitarian Work – Internship at Hong Kong Red Cross, Hong Kong



“EY had definitely been more than what I expected. Daily ward rounds, weekly clinics and laboratory attachments had really been giving me a new perspective in terms of medicine as a medical student, as well as a future physician.”

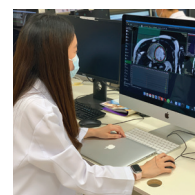
Emily Lee

Research Attachment – Clinical and translation research in myeloid malignancies at Department of Medicine, HKU, Hong Kong

“The studies had equipped me with the skills in analysing cardiac magnetic resonance images and analysing statistics. I also had the opportunity to assist in patient care when patients had their cardiac magnetic resonance scan. This was a valuable opportunity for me to interact with patients in preparation of clinical years ahead and my future career.”

Kwan Chi Ting

Research Attachment – Prognostic Value of Cardiac Magnetic Resonance Assessed Myocardial Strain Among Ischaemic and Non-Ischaemic Dilated Cardiomyopathy Patients at Department of Diagnostic Radiology, HKU, Hong Kong



“Studying MPH was a wonderful learning experience. Coursework and assignments had enabled me to learn the latest developments in the fields of descriptive statistics, mathematical modelling and microbiology.

I had gained a more in-depth understanding on the pathology, transmission and control of infectious diseases while identifying health determinants and healthcare needs, as well as learning about the emergence of novel diseases via the concept of One Health.”

Jane Lam

Intercalation – Master of Public Health, HKU, Hong Kong

“I chose to intercalate at the London School of Hygiene & Tropical Medicine studying a Master’s degree in Epidemiology. I chose this school as I was inspired by many of their professors who had worked tirelessly in doing research on COVID-19! Due to the COVID-19 pandemic, everything had been done through distance learning and, in spite of this, the lectures and practicals had been very thought-provoking!”

Ryan Leung

Intercalation – Intercalated degree at London School of Hygiene and Tropical Medicine, United Kingdom





Year 4-6: Clinical Curriculum

This is when you will enter the real-life world of clinical practice and get full exposure to how doctors work on a day-to-day basis. You will spend time in hospitals, working alongside doctors and nurses as they treat patients while equipping you with the necessary hands-on skills and an in-depth understanding of clinical medicine before you join ranks as a future health professional.

The clinical years have three components: Clinical Foundation Block, Clinical Clerkships, and at the end, MBBS Elective.

Clinical Foundation Block

The 10-week Clinical Foundation Block happens at the beginning of your fourth year. It serves two purposes. One is to enable you to review, integrate and consolidate the knowledge you acquired during the system-based blocks; the other is to prepare you for the clinical clerkships. During this block, you will study clinical cases that reflect some of the most significant healthcare problems in Hong Kong. You will also be developing clinical and interpersonal skills that are essential for a rewarding learning experience in the subsequent MBBS years.





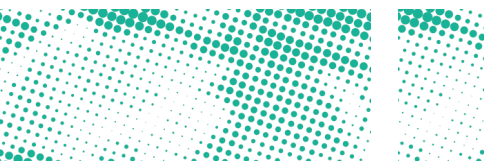
Clinical Clerkships

This is the largest and also the most exciting chunk of learning you will undertake, running mid-Year 4 to Year 6. During this time, you will be directly involved in the day-to-day patient care such as diagnosis, investigation and treatment, and have the opportunity to apply the knowledge and interpersonal skills when interacting with patients and their families.

The Clinical Clerkships span over three phases: Junior Clerkship (27 weeks), Senior Clerkship (24 weeks) and Specialty Clerkship (49 weeks). Your rotations will be in hospitals as well as clinics offering ambulatory care and community-based primary care. The clerkships will cover: Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics and Adolescent Medicine, Orthopaedics and Traumatology, Microbiology, Pathology, Public Health, Family Medicine and Primary Care, Accident and Emergency Medicine, Anaesthesiology, Clinical Oncology, Diagnostic Radiology, Ophthalmology, Psychiatry, Geriatrics, Rehabilitation and Palliative Care - all established specialties unique and fascinating in their own right!

MBBS Elective

After the Final Examination in Year 6, you will have a four-week block when you can explore an area of medicine that interests you either through clinical attachment or laboratory/clinical research.



Affiliated Hospitals

Queen Mary Hospital (QMH) is our major teaching hospital. It is also a tertiary referral centre for complex and advanced medical services for the entire Hong Kong territory. Most of the Faculty's clinical departments are located at QMH, which offered dedicated teaching and learning activities and professional clinical training for our students.

Apart from QMH, learning also takes place in other public hospitals of the Hospital Authority and private hospitals such as the Hong Kong Sanatorium & Hospital, Gleneagles Hospital Hong Kong, and cross the border at the University of Hong Kong–Shenzhen Hospital. All these hospitals are the key partners of the Faculty in teaching, training and research under the HKU Health System.



Academic Advising and Peer Mentorship

Under the University-wide Academic Advising system, every incoming HKUMed undergraduate student is paired with a teacher as their Academic Adviser. The assigned teacher will change over the course of a student's undergraduate studies, according to the specific needs of our students at each stage of their professional or academic development. Additionally, HKUMed engages senior students to serve as peer mentors and supporters for our students. Trained in mental health first aid, they actively engage their younger peers and work together with our Academic Advisers in providing pastoral care. Our senior students further provide academic support through near-peer teaching initiatives and learning support sessions. Together, through our teachers and students, HKUMed aims to foster a community that supports active learning and whole-person development.

Curriculum Structure

YEAR 1											
Introduction to the Art and Science of Medicine Block (IASM)				Year 1 Formative Assessment	Cardiopulmonary and Renal Systems Block (CPRS)				First Summative Assessment		
At least one Common Core Course* (6 credits)											
CAES1000 Core University English^ (6 credits)											
SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY			
YEAR 2											
Gastrointestinal System Block (GIS)		Musculoskeletal System Block (MSS)		Year 2 Formative Assessment	Head, Neck and Nervous System Block (HNNS)	Haematology and Immunology System Block (HIS)	Endocrine and Reproductive Systems Block (ERS)	Second Summative Assessment	CEMD9006 Practical Chinese for MBBS Students (6 credits)		
				Common Core Course* (6 credits)							
SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
YEAR 3											
Enrichment Year									Third Summative Assessment		
Common Core Courses* (or equivalent) (12 credits)											
SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
YEAR 4											
Clinical Foundation Block		Year 4 Formative Assessment		Junior Clerkship						Fourth Summative Assessment	
				Rotation 1		Rotation 2		Rotation 3			
CAES9740 Professional Communication in Clinical Practice (6 credits)		Block A: Medicine-related Block B: Surgery-related Block C: Multidisciplinary: Cancer, Infection and Other Common Illnesses									
AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY		
YEAR 5											
Senior Clerkship						Term Break	Specialty Clerkship				
Rotation 1		Rotation 2		Rotation 3			Rotation 1		Rotation 2	Rotation 3	Rotation 4
Block A: General Medicine Block B: Surgery and Orthopaedics and Traumatology Block C: Multidisciplinary: Emergency, Palliative Care and Ophthalmology							Family Medicine and Community Care Medicine Surgery Obstetrics and Gynaecology Paediatrics and Adolescent Medicine Psychiatry Orthopaedics and Traumatology / Emergency Medicine				
JUL	AUG	SEP	OCT	NOV	DEC		JAN	FEB	MAR	APR	MAY
YEAR 6											
Specialty Clerkship						Term Break	Specialty Clerkship				
Rotation 4		Rotation 5		Rotation 6			Rotation 7	Revision Sessions	Final Summative Assessment	MBBS Elective	Pre-internship Block
JUL	AUG	SEP	OCT	NOV	DEC		JAN	FEB	MAR	APR	MAY

^ Students who have achieved Level 5 or above in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent, are exempted from CAES1000 Core University English.

* Students are expected to take at least one Common Core (CC) course in the first year, at least one CC course in the second year and the remaining CC courses in the third year of study (at least 12 credits must be taken at HKU).

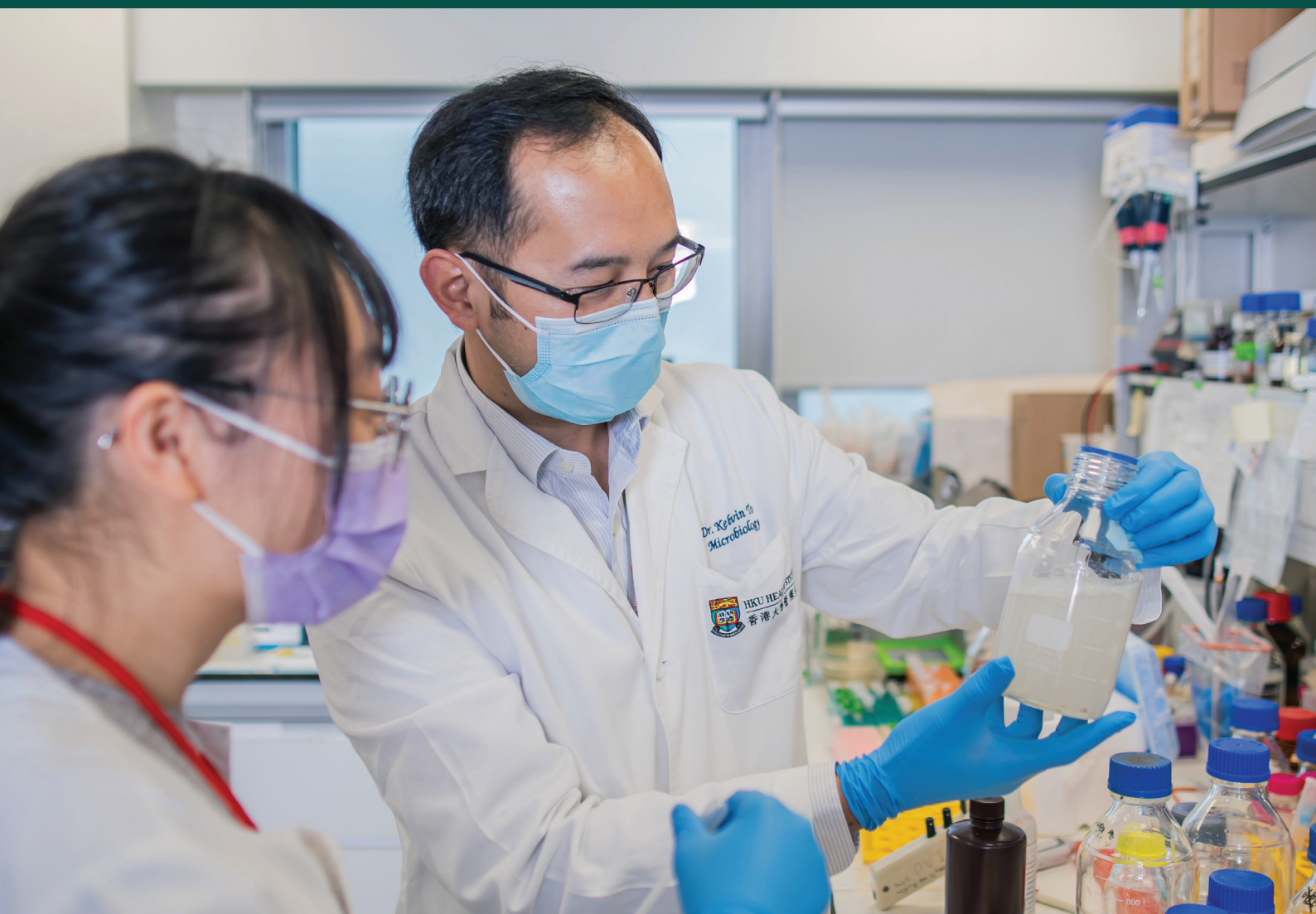
MBBS/Doctor of Philosophy (MBBS/PhD)

The MBBS/PhD is a full-time combined programme extending over not less than nine years and leading to the award of both MBBS and PhD degrees upon graduation. If you are admitted to this programme, you will pursue full-time research under the supervision of Faculty teachers, and undertake coursework prescribed by the Graduate School and the Faculty, and you can attend optional clinical study sessions that area of your interest.

An exciting feature of this programme is that you may receive part of your training at internationally-renowned institutions overseas through the Faculty's international network for research collaborations.

HKUMed also has joint PhD/joint educational placement for PhD programmes with King's College London and the University of Toronto.

Starting from 2018-19, the HKSAR government has waived PhD composition fees for all local students. In addition, Croucher Foundation Scholarships are available for a maximum of three outstanding MBBS/PhD students each year to cover the monthly postgraduate studentships, research bench fees and allowances for overseas conference attendance and/or exchange.



There are two pathways through which you can pursue the MBBS/PhD programme:

Transfer from MRes[Med] Enter PhD before MBBS Year 4

If you undertake the intercalated Master of Research in Medicine (MRes[Med]) during your Enrichment Year, you can apply to transfer your candidature to the MBBS/PhD programme no later than the 8th month of the MRes[Med]. The time you spent on MRes[Med] would be counted towards the probationary period for your PhD study. After submitting your thesis in the last year of PhD study, you would then re-enter the MBBS programme in Year 4 and complete the remaining years up to Year 6. In a nutshell, this pathway involves two years of MBBS, one year of MRes[Med], three years of PhD, and three more years of MBBS, enabling you to earn the two degrees in nine years.

MBBS I – II	+	Enrichment Year MRes[Med]	+	PhD	+	MBBS IV + VI
2 years		1 year		3 years		3 years
Total 9 years						

Enter PhD before MBBS Year 5

Another pathway is to complete four years of MBBS, followed by three or four years of PhD, then the final two years of MBBS. To be qualified for this route, you would need to have: 1) good results in the MBBS I-IV Summative Examinations and 2) a Bachelor's degree with 1st class honours or a Bachelor's degree with honours, plus a taught Master's degree (e.g. MSc) prior to admission to MBBS for 4-year PhD; or a research Master's degree (MPhil) awarded prior to admission to MBBS for 3-year PhD. After submitting your PhD thesis, you would re-enter the MBBS programme and complete Years 5 and 6. The entire study period for the two degrees would be nine or ten years.

MBBS I – IV	+	PhD	+	MBBS V – VI
including Enrichment Year 4 years		3 - 4 years		2 years
Total: 9 or 10 years				



Professional Recognition and Career Prospects

Your MBBS is a registrable primary qualification recognised by the Medical Council of Hong Kong for a medical license and an important milestone on your path to becoming a doctor. But there is one final requirement before you can practise as a licensed doctor in Hong Kong. After graduating, all MBBS holders are required to undergo three-week Pre-internship Block and one-year internship in a public hospital. The internship will take you through rotations in the major medical specialties and give you hands-on exposure to clinical medicine, while receiving close supervision and teaching from experienced doctors. That basic training will open the door to a multitude of career options.

If you want to become a Specialist, you should then be prepared for more years of postgraduate training and further examinations. Postgraduate and specialist training is administered through the Hong Kong Academy of Medicine and its constituent colleges.

HKUMed graduates are a heterogeneous group of doctors, many of whom are now in leading positions in a variety of fields, not just medicine. Some serve the community as public hospital doctors, others run their own clinics as private practitioners. Some love clinical teaching and research and have pursued academic careers in Hong Kong or overseas, with many becoming world-renowned clinical experts and scientists. Some have become health administrators involved in policymaking and healthcare planning for our community, others have made their mark in non-medical careers, such as law, business, or pharmaceutical development. Whatever path you wish to take, HKUMed is here to help your dreams come true.



For more information
on admissions



**HKU
Med**

LKS Faculty of Medicine
The University of Hong Kong
香港大學李嘉誠醫學院

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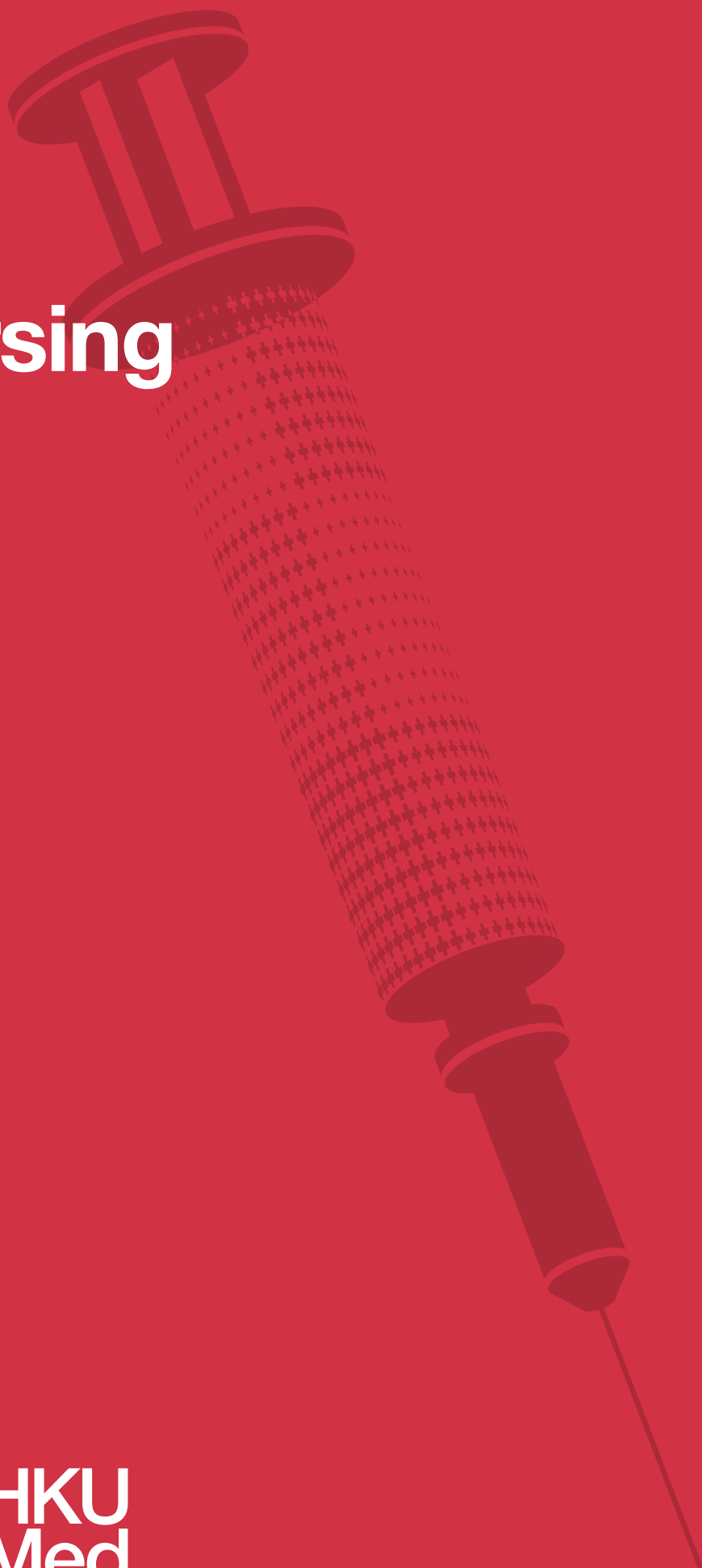
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BNurs

Nursing



HKU
Med



- + **Highly-trained nurses with compassionate care is the focus of the BNurs curriculum. Students receive a broad spectrum of clinical and simulation training, as well as inter-professional and problem-based learning. They also develop the global vision by participating in life enrichment learning programmes beyond Hong Kong.**



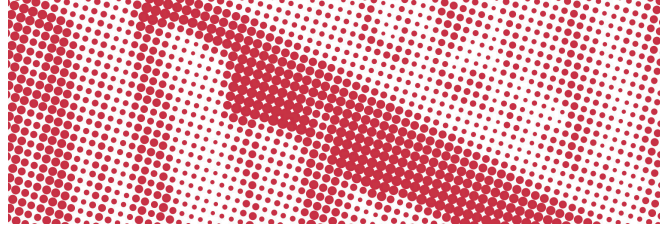


Programme Aims and Objectives

The Bachelor of Nursing (BNurs) is a five-year full-time programme leading to an honours degree. The objective of the BNurs programme is to provide comprehensive and holistic nursing education and nurture generic nurses who will be able to work as competent practitioners in various healthcare settings.

The credit-based curriculum is broad-based and multidisciplinary, and is designed to introduce the bio-psychosocial aspects of health and nursing care. It provides a balance between the broad areas of nursing, biological, behavioural and social sciences. The learning outcomes will enable students to obtain knowledge through the study of different disciplines, and to develop an inquiring mind, interpersonal skills and an understanding of the socio-cultural context in which nursing is practiced in Hong Kong.

The degree programme emphasises the integration of theory and practice. Students are exposed to a variety of clinical environments throughout the study. Comprehensive learning of clinical skills is under the supervision of experienced teaching staff. The process of teaching and learning is directed by nursing academics with a wide range of expertise, supported by the excellent facilities in various departments of the Medical Faculty and clinical settings.



“As a competent nurse, to heal up a patient’s wound is not only by your skillful hands, but also with your empathetic heart.”

Mr Benney Wong
Assistant Lecturer,
School of Nursing



Programme Structure

The BNurs curriculum includes various courses in each year with an aim to prepare students to be capable of working in different settings as nursing professionals. The main areas covered are Nursing Core Courses, Nursing of Specialised Populations, Theoretical Foundations for Nursing Practice, Foundations in Nursing Research, Nursing Electives, Nursing Practica, Life Sciences, Clinical Pharmacology and Behavioural Sciences. This curriculum structure allows maximum longitudinal and lateral correlations between courses.

There are a total of 44 courses running throughout five years. Among these courses, 26 belong to core courses and seven are practicum courses which aim at preparing students to become competent practitioners. There are also one Life Enrichment Learning Course, one nursing elective course, three language courses and six Common Core courses. Altogether they constitute 303 credits in the entire curriculum.



“HKU Nursing has been nurturing seeds of caring hearts with not only professional knowledge & skills, but also positive values & precious networks that let them bloom into the flowers of tomorrow. I am very grateful to be one of the seeds grown in this beautiful garden.”

Mr Since Kong
BNurs 2010
Advanced Practice Nurse, Queen Mary Hospital



Field of Study	Allocation of Credits				
	Year 1	Year 2	Year 3	Year 4	Year 5
Basic / Medical and Surgical Nursing	24	18	-	-	-
Behavioural Sciences	-	12	-	-	-
Life Sciences and Clinical Pharmacology	6	12	12	-	-
Ethics, Law and Professional Issues	-	-	9	-	-
Specialty Nursing	-	-	6	18	12
Chinese Medicine and Nursing	-	-	-	6	-
Community and Global Health Nursing	-	-	-	6	-
Clinical Reasoning in Practice	-	-	-	-	6
Management and Informatics	-	-	-	-	6
Life Enrichment Learning	-	-	6	-	-
Nursing Elective	-	-	-	-	6
Nursing Research / Statistics	-	-	-	12	-
Clinical Practicum	-	6	18	18	30
Chinese Language	6	-	-	-	-
English Language	6	6	-	-	-
Common Core Curriculum	24	12	-	-	-
Total	66	66	51	60	60



Modes of Learning

The BNurs programme incorporates various teaching and learning strategies, e.g., problem-based learning; inter-professional team-based learning; audiovisuals; e-learning; active learning activities; demonstrations; field trips and educational visits to clinical agencies and community settings. The main classroom teaching approaches include lectures, seminars and tutorials. Clinical education is achieved by laboratory teaching, innovative simulation activities and clinical practicum.

Nursing skills are acquired through demonstrations, simulation, videos, e-learning and practice. For Life Sciences and Clinical Pharmacology courses, the laboratory experiences relate to demonstration of specific areas in anatomy, physiology, biochemistry, microbiology and pharmacology.

**“A nurse can touch someone’s life.
Every true life story can touch
our heart and soul, inspiring me to be
a better person, with richer and
meaningful life.”**

Ms Mandy Tong
BNurs 2003
Ward Manager, The Duchess of Kent Children’s Hospital at Sandy Bay



Clinical Practicum

The programme emphasises on clinical practice. Students have the opportunity to learn and practice under the instruction and supervision of experienced teachers in all aspects of nursing – from basic to advanced complex care, in community and in comprehensive teaching hospitals, such as Queen Mary Hospital. Clinical practicum is arranged in blocks of practice to allow students to consolidate the nursing themes and skills. Clinical placements are arranged in:

- community centres;
- aged care centres;
- outpatient clinics; and
- specialties in hospitals, including Medical and Surgical Units, Paediatrics Unit, Obstetrics Unit, Accident & Emergency Unit, Operation Theatre, and many more.

Life Enrichment Opportunities

The programme is designed to nurture nursing leaders with an international outlook. Students are provided opportunities to participate in life enrichment programmes including exchange programmes at top universities, e.g., University of Pennsylvania, Case Western Reserve University, University of Toronto, Peking University, Korea University, The University of Tokyo, Kaohsiung Medical University, University of Navarra and The University of Sydney; short-term study programmes; service/humanitarian activities; research attachment, etc.



Curriculum Structure

YEAR 1: 66 CREDITS					
Common Core Courses (12 credits)	Exam	Common Core Courses (12 credits)	Exam		
Core University English (6 credits)		Practical Chinese for Nursing Students (6 credits)			
Getting into Nursing (6 credits)		Health Promotion and Education (6 credits)			
Foundation of Life Sciences (6 credits)		Health Assessment (6 credits)			
Clinical Skills in Practice (6 credits)					
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 2: 66 CREDITS					
Common Core Courses (6 credits)	Exam	Common Core Courses (6 credits)	Exam		
Academic Communication for Nursing Students (6 credits)		Life Sciences II (6 credits)			
Nursing of Adults I (9 credits)		Nursing of Adults II (9 credits)			
Life Sciences I (6 credits)		Health Sociology (6 credits)			
Health Psychology (6 credits)					
Nursing Practicum I (6 credits)					
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 3: 51 CREDITS					
Ethics, Law and Professional Issues (9 credits)	Exam	Life Enrichment Learning (6 credits)	Exam		
Critical Care and Emergency Nursing (6 credits)					
Clinical Pharmacology (6 credits)					
Life Sciences III (6 credits)					
Nursing Practicum IIa (9 credits)			Nursing Practicum IIb (9 credits)		
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 4: 60 CREDITS					
Nursing of Women and Infants (6 credits)	Exam	Essential Statistics (6 credits)	Exam		
Nursing of Children and Adolescents (6 credits)		Chinese Medicine and Nursing (6 credits)			
Research and Scholarships in Nursing (6 credits)		Community and Global Health Nursing (6 credits)			
Mental Health Nursing (6 credits)					
Nursing Practicum IIIa (9 credits)			Nursing Practicum IIIb (9 credits)		
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 5: 60 CREDITS					
Nursing of Older Adults (6 credits)	Exam	Nursing Practicum IVa (9 credits)	Exam		
Oncology Nursing and Palliative Care (6 credits)		Nursing Practicum IVb (21 credits)			
Healthcare Innovations: Leadership, Management and Informatics (6 credits)					
Clinical Reasoning in Practice (6 credits)					
Nursing Elective (6 credits)					
SEP	DEC	JAN	MAY	JUN	AUG

Timetable arrangements may vary from year to year.

Total no. of credits: **303**

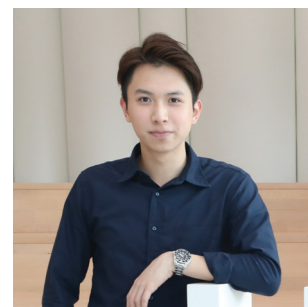
Professional Recognition and Career Prospects

Graduates from the Bachelor of Nursing degree programme will be able to function independently to assess and appraise the healthcare needs of the community. Those who have satisfactorily completed all programme requirements will be eligible for direct registration as registered nurses with the Nursing Council of Hong Kong



“Acquiring nursing skills and knowledge is crucial, but it is more important to serve with critical thinking, global vision, and an empathetic heart.”

Alex Wong
BNurs Year 5



BNurs–ALT (JS6418)

**ADVANCED LEADERSHIP TRACK (BNurs–ALT)
THE BACHELOR OF NURSING**

- + An elite track designed for high caliber candidates who are high achievers and aspire to pursue an advanced and specialised nurse practice or a nurse-physician career in the healthcare sector.**

This track enables highly competent students to accomplish a dynamic and vigorous study plan and to fulfil accredited professional curricula at an accelerated pace.

First and only bachelor's nursing programme in Hong Kong to offer articulation to HKU Master of Nursing (MNurs) or HKU Bachelor of Medicine and Bachelor of Surgery (MBBS)

Two Articulation Pathways

BNurs-ALT is the first and only nursing track in Hong Kong that offers two articulation pathways*:

01

Articulation to Master of Nursing (MNurs)

Students shall be admitted to 1-year part-time MNurs study, upon successful completion of the 5-year BNurs-ALT, and shall be able to OBTAIN ONE BACHELOR'S DEGREE AND ONE MASTER'S DEGREE IN NURSING IN 6 YEARS

Prospect: Advanced & Specialised Nurse

02

Articulation to Bachelor of Medicine and Bachelor of Surgery (MBBS)

Students shall be admitted directly to HKU MBBS Year 2 and exempted from the Year 3 enrichment year requirement, upon successful completion of the 5-year BNurs-ALT degree with first class honours, and shall be able to OBTAIN TWO PROFESSIONAL DEGREES IN 9 YEARS.

Prospect: Nurse-physician

* Subject to the fulfilment of MNurs/MBBS programme entry requirements. BNurs with first class honours and HKDSE "Chemistry" or "Combined Science (Chemistry)" are required for the MBBS articulation pathway.

Leadership Development Programme

Students will be able to acquire unique leadership skills and experiential learning opportunities in their study journey in nursing.

Personal Mentors Throughout the Course of Study

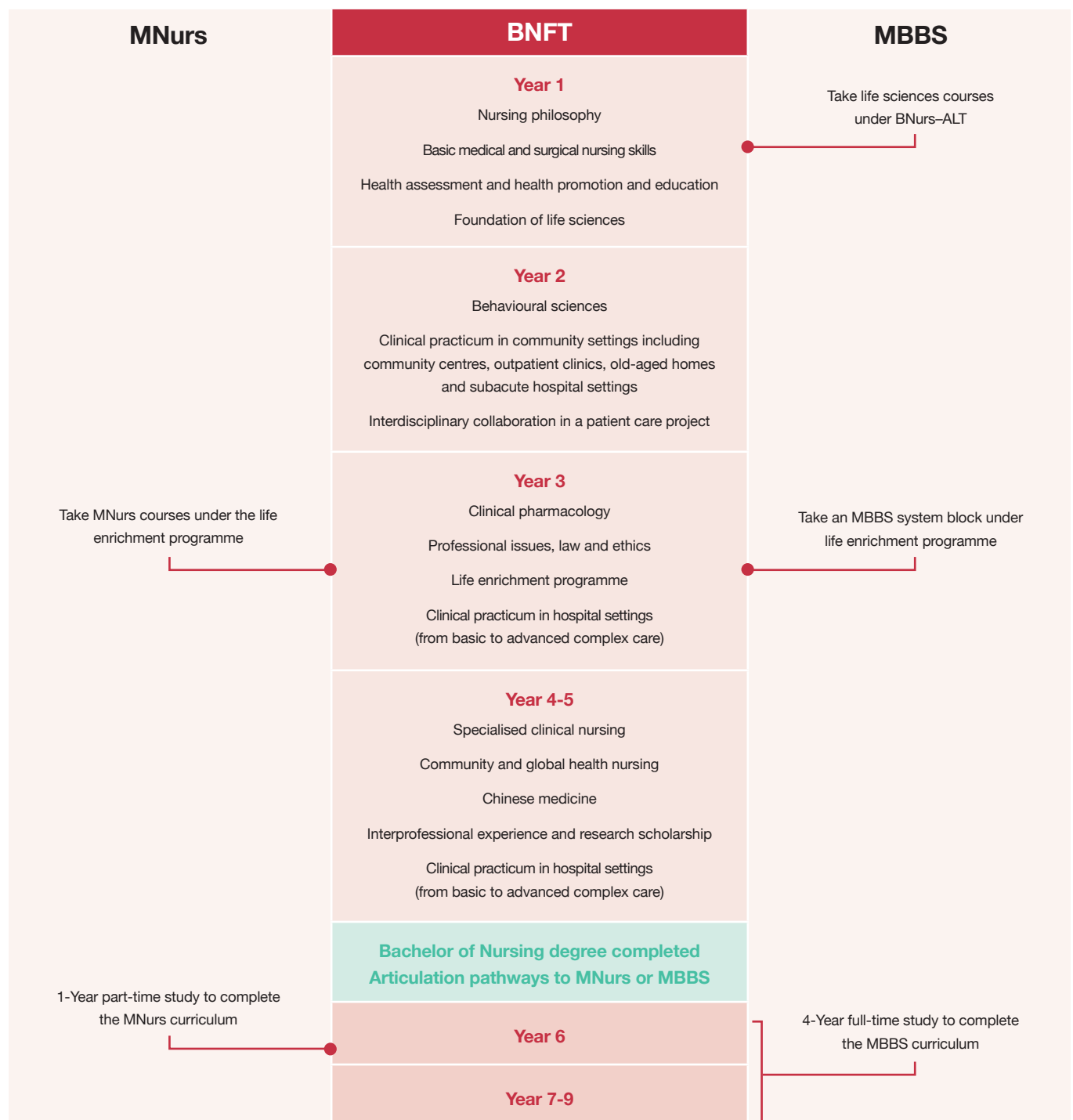
Students will be assigned a designated professoriate staff and an experienced nurse leader as personal mentors, who provide advice and guidance throughout the BNurs-ALT study. Students can learn from the great minds, expand their personal networks and widen their horizon.



Diversified Roadmaps

The articulation pathways provided under the JS6418 Advanced Leadership Track is subject to one's interest, career aspiration and academic performance, etc. Scholarships covering the full composition fee of MNurs will be provided to students with exemplary academic performance.

Highlighted Structure of BNurs-ALT



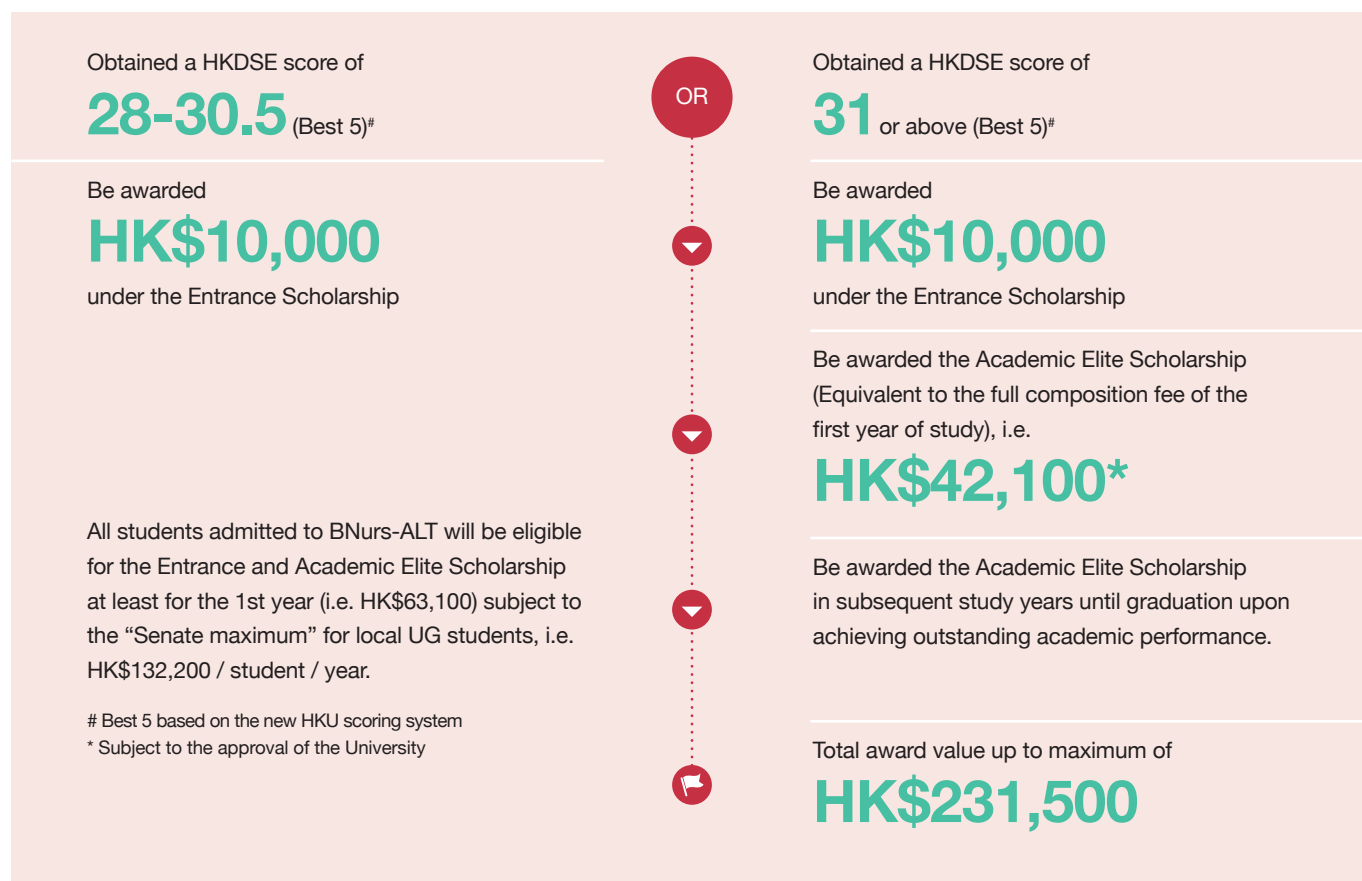
Scholarships*

Entrance and Academic Elite Scholarships

HKDSE students admitted to BNurs and BNurs-ALT



For more information
on admissions



Scholarship for the MNurs Articulation Pathway

Scholarship covering full composition fee of MNurs will be provided to BNurs-ALT graduates with outstanding academic achievements.

Future Prospects

Competent and Transferable Skills

Graduates are equipped with practical clinical skills and will be able to translate evidence-based theories into practice.

Professional Recognition

Graduates who have satisfactorily completed all programme requirements will be eligible for direct registration as registered nurses with the Nursing Council of Hong Kong.

Global Leadership

Graduates are trained with global leadership traits and will be able to work effectively across multidisciplinary teams around the world.

Extensive Networks

Graduates will gain an extensive professional network via clinical practicum from community centres and clinics to comprehensive teaching hospitals; and via research attachments and personal mentors.



**HKU
Med**

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▶ HKUSchoolofNursing



**Chinese
Medicine**

BachinMed



**HKU
Med**



- + **Early and frequent clinical skills training in both clinics and hospital settings is an integral part of the BChinMed programme. Students are provided with application and practice opportunities throughout the programme and they are encouraged to develop their learning interests and explore their aspirations.**



Programme Aims and Objectives

The aim of the Bachelor of Chinese Medicine (BChinMed) programme is to nurture a new generation of Chinese Medicine professionals who are well equipped with knowledge in Chinese Medicine and biomedical sciences and are competent in clinical skills and life-long learning skills to provide excellent Chinese Medicine healthcare service to the community to foster the development of Chinese Medicine and integrative medicine in Hong Kong.

Programme Overview

The BChinMed curriculum is a six-year programme, including the clinical clerkship in Year 6 undertaken in Mainland China. The curriculum is made up of the following components:

- Chinese Medicine Foundation Courses
- Chinese Medicine Classical Texts Courses
- Chinese Medicine Clinical Courses
- Biomedical Sciences Courses (including western medicine bedside training)
- Disciplinary Elective Courses
- Field Trip and Chinese Medicine Dispensary Practicum
- Chinese Medicine Clinical Attachments, Junior Clerkship and Clinical Clerkship
- Common Core Curriculum Courses
- Language Enhancement Courses





Programme Features

Classical Chinese Medicine Supplemented with Biomedical Sciences

The programme offers comprehensive and systematic Chinese Medicine and biomedical sciences courses taught by teachers of the School of Chinese Medicine and other basic sciences and clinical departments of the Medical Faculty.

Early and Comprehensive Clinical Training

Early clinical training is provided through clinical attachments under the supervision of teachers at the eight Chinese Medicine Clinical Centres for Teaching and Research which are directly under or affiliated to the School. With the support of state-of-the-art facilities in the Clinical Skills Training Centre, students receive comprehensive clinical skills training before practising on real patients. In Year 4, students will undergo a four-week junior clerkship at the University of Hong Kong-Shenzhen Hospital to integrate and practise what they have learnt in junior years. In Year 6, students are required to undertake a 40-week clinical clerkship in the teaching hospitals of top Traditional Chinese Medicine universities in Guangzhou, Shanghai or other cities in Mainland China under the arrangement of the School.

Learning Experience Beyond Professional Core

Students are required to take Common Core Courses during their first and second years of study. These courses help students to develop broader perspective and build up critical thinking on issues that they encounter in their everyday lives.

Development of Interest in Scientific Research

Students are given the opportunity to undertake laboratory experiments in several Chinese Medicine and biomedical sciences courses. The School has also set up different research interest groups for students to participate during their studies.

Bi-literacy and Tri-lingualism

English is the medium of instruction for most of the Common Core Courses and all biomedical sciences courses. Putonghua and Cantonese will be used in Chinese Medicine courses, field trip and Chinese Medicine dispensary practicum, clinical attachments, junior clerkship and clinical clerkship, etc.



“This programme has widened my perspective to the universe and human body. I am equipped with theoretical knowledge, practical skills and ethics of traditional Chinese Medicine through a variety of learning experiences.”

Tong Yee Man
BChinMed Year 6





Mode of Learning

An outcome-based approach to students' learning and multi-disciplinary teaching approaches, such as problem-based learning and clinical case discussion, are adopted.

The programme emphasises the integration of theories and practical skills. Experiential learning is encouraged through participation in clinical attachments, junior clerkship and clinical clerkship in which students will have the opportunities to apply the knowledge acquired in practical settings.

Through the Chinese Medicine Undergraduate Student Exchange Programme, students can widen their horizons and enrich their learning experience. Successful applicants will have the opportunity to study in Shanghai University of Traditional Chinese Medicine for one summer semester.

Students will also be arranged to participate in a field trip which they can learn more about the indigenous traditional Chinese medicine herbs in the natural environment in Mainland China. The Chinese Medicine dispensary practicum will, on the other hand, allow them to obtain practical experience at Chinese Medicine dispensary.

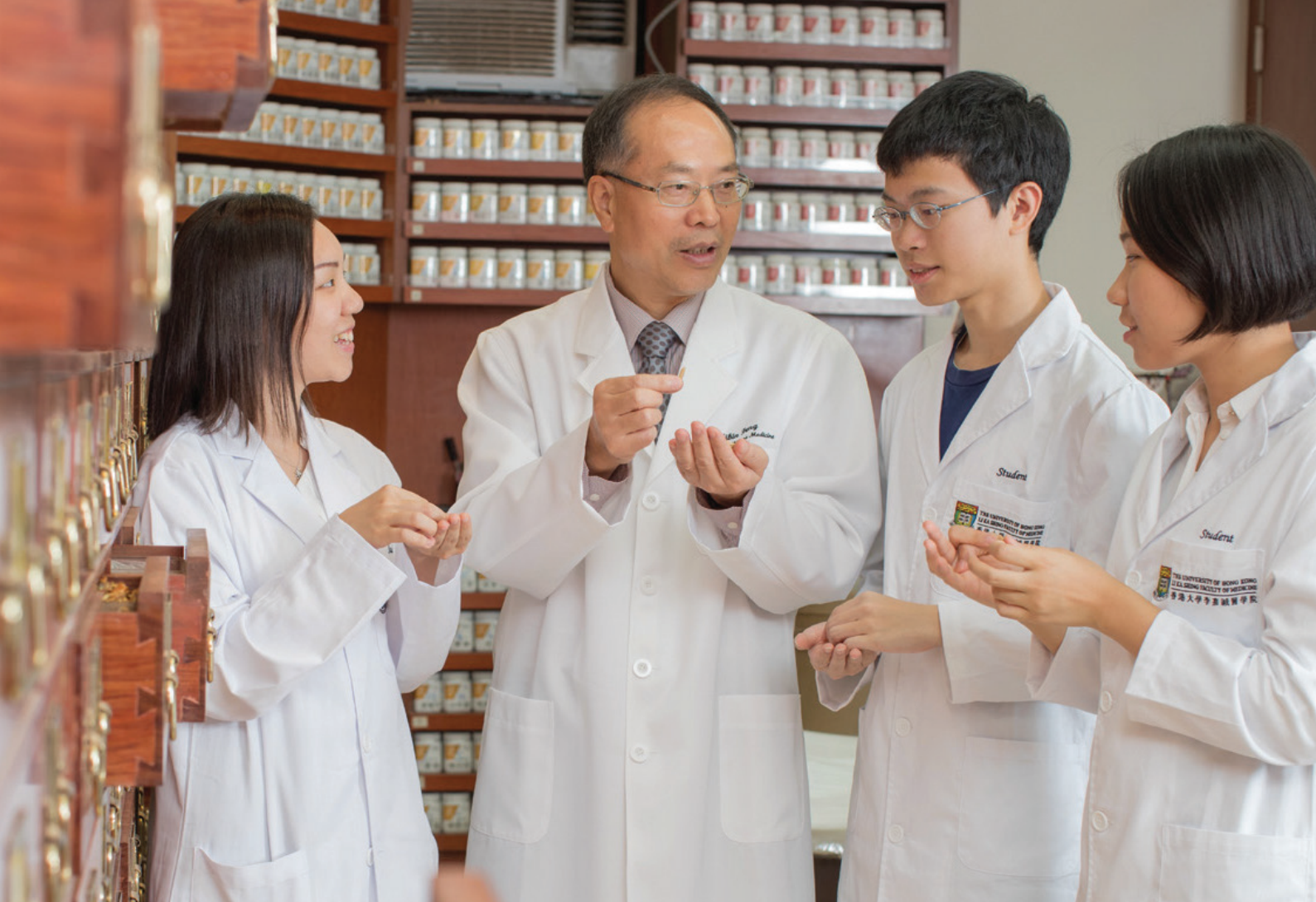


Curriculum Structure

YEAR 1					
Foundation Theories of Chinese Medicine Life Science I Core University English Common Core Curriculum Course	Exam	Diagnostics of Chinese Medicine History of Chinese Medicine Disciplinary Elective Course* Practical Chinese for Chinese Medicine Students Common Core Curriculum Course	Exam	Chinese Medicine Clinical Attachment I	
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 2					
Chinese Materia Medica Archaic Chinese Medical Literature Medical Ethics and Professionalism in Chinese Medicine Practice Life Science II Common Core Curriculum Course	Exam	Chinese Medicine Prescriptions Medical Ethics and Professionalism in Chinese Medicine Practice Life Science III Common Core Curriculum Course	Exam	Field Trip and Chinese Medicine Dispensary Practicum	
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 3					
Canon of Chinese Medicine Chinese Internal Medicine Life Science IV Immunology Pathology	Exam	Chinese Internal Medicine Foundation of Acupuncture Pathology English for Clinical Clerkship for Chinese Medicine Students	Exam	Chinese Medicine Clinical Attachment II Disciplinary Elective Course*	
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 4					
Surgery of Chinese Medicine Gynaecology of Chinese Medicine Otorhinolaryngology of Chinese Medicine Fundamentals of Diagnosis Clinical Pharmacology	Exam	Treatise on Exogenous Febrile Diseases Traumatology & Orthopaedics of Chinese Medicine Tui-na of Chinese Medicine Fundamentals of Diagnosis Evidence-based Practice and Public Health Clinical Skills Training	Exam	Junior Clerkship Disciplinary Elective Course* Bedside Training for "Fundamentals of Diagnosis"	
SEP	DEC	JAN	MAY	JUN	AUG
YEAR 5					
Life Cultivation and Healthcare of Chinese Medicine Seasonal Febrile Diseases Therapeutics in Acupuncture and Moxibustion Ophthalmology of Chinese Medicine Fundamentals of Diagnosis Chinese Medicine Clinical Attachment III Bedside Training for "Fundamentals of Diagnosis"	Exam	Golden Chamber Schools of Thought of Chinese Medicine Paediatrics of Chinese Medicine Pharmacology of Chinese Medicine Medicine Chinese Medicine Clinical Attachment III Bedside Training for "Medicine"	Exam		
SEP	DEC	JAN	MAY		
YEAR 6					
Clinical Clerkship in Mainland China			Exam	Licensing Exam	
JUN			APR	MAY	JUN

*Disciplinary Elective Courses:

- Introduction to Chinese Medical Cultures
 - Resources and Quality Control of Chinese Medicines
 - Chinese Medicine Emergency Medicine: Syndrome Differentiation and Treatment for Acute Illness Related to Chinese Internal Medicine
 - Analysis of Misdiagnoses in Clinical Cases
- Classical Prescriptions and Medical Records
 - Chinese Medicine and Systems Biomedicine
 - Traditional Chinese Medicine in Sports Medicine
 - Intensive Training on Clinical Acupuncture Techniques
 - Basic and Clinical Toxicology of Chinese Medicines



“There are many mysteries in Chinese Medicine which evoke your curiosity and challenge your abilities in this interesting professional programme. I believe you will enjoy this ancient wisdom and modern knowledge system. What you learn from Chinese Medicine will inspire your life and bring you a bright future.”

Professor Yibin Feng
Director and Professor, School of Chinese Medicine

“HKU must be credited for being my best anchor. This is where I am supported and nurtured to gain knowledge and develop professional network, moulded with humbleness and integrity.”

Ms Yu Choi Fai
BChinMed 2019



Professional Recognition and Career Prospects

Graduates of the Bachelor of Chinese Medicine programme are eligible to apply for the Chinese Medicine Practitioners Licensing Examination in Hong Kong. Those who have passed the Chinese Medicine Practitioners Licensing Examination are qualified for registration as registered Chinese Medicine practitioners with the Chinese Medicine Council of Hong Kong. Registered Chinese Medicine practitioners can seek employment in Chinese Medicine clinics in both public and private sectors or to engage in private practice. They are also qualified to take up research and development posts in Chinese Medicine pharmaceutical trading and manufacturing companies, and biotechnology companies, or to work in managerial, marketing, sales, insurance or advertising positions in Chinese Medicine-related businesses. Some may opt to pursue postgraduate studies or become academics in tertiary institutes.



For more information
on admissions



**HKU
Med**

LKS Faculty of Medicine
School of Chinese Medicine
香港大學中醫藥學院

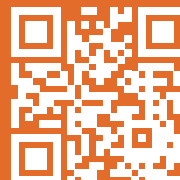
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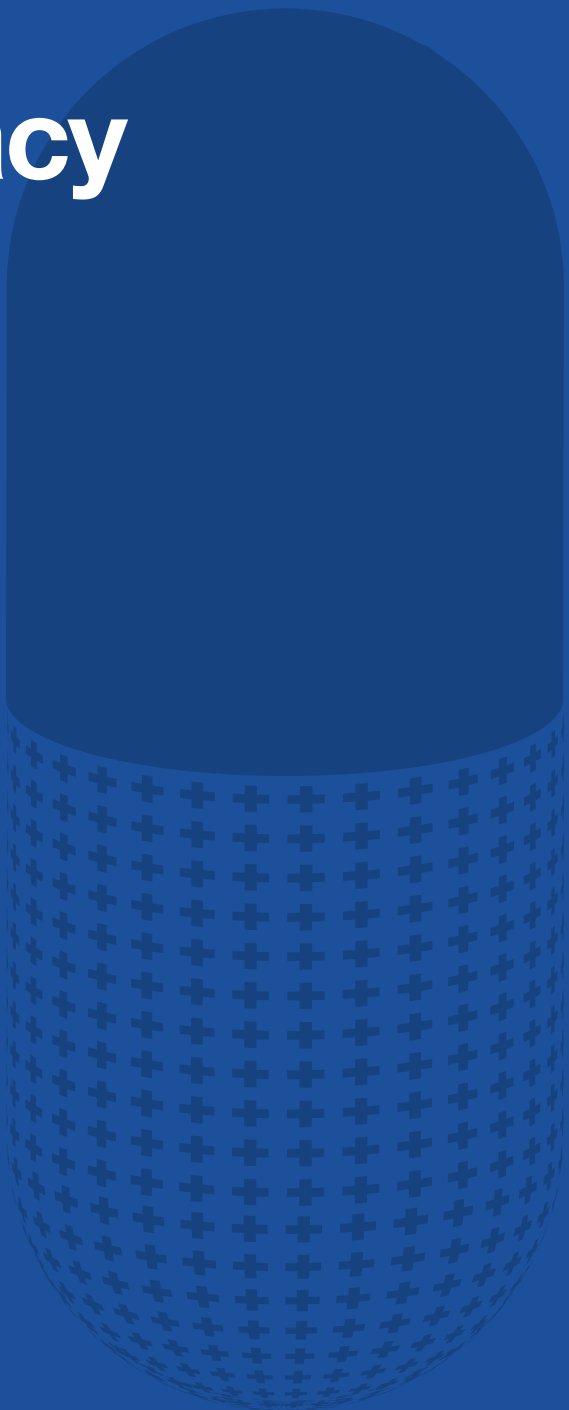
🌐 www.scm.hku.hk

📍 10 Sassoon Road, Pokfulam, Hong Kong



Pharm

Pharmacy



HKU
Med

BPharm



- + Our integrative approach and problem-based learning enable pharmacy graduates to apply their scientific and clinical knowledge efficiently when they enter the healthcare profession.



Programme Aims and Objectives

The Bachelor of Pharmacy (BPharm) programme aims to nurture competent graduates with solid knowledge of pharmacy as well as abilities to apply the core knowledge and skills for effective, humane and ethical delivery of pharmaceutical care. They will contribute both to the profession of pharmacy and to the overall health of the patient body by adopting the highest standard of professional practice.

Programme Structure

The whole programme comprises 252 credit-units of courses over a period of four years which shall include the following:

Courses	Credits
Pharmacy core courses	186
Pharmacy elective	12
Common core courses	36
Language courses	18
Total	252

What is Pharmacy?

Pharmacy is the health profession that links the basic health sciences with the clinical application of drug treatment. It is charged with ensuring the safe and effective use of drugs. Traditionally pharmacy mainly represented the compounding and dispensing of therapeutic agents. However, modern pharmacy now emphasises on the provision of optimal pharmaceutical care to patients. This means the responsible provision of drug therapy to achieve definite outcomes that improve a patient's life expectancy and/or his/her quality of life. These outcomes are:

- (i) the treatment of diseases;
- (ii) the elimination or reduction of symptoms;
- (iii) arresting or slowing the disease process; and
- (iv) disease prevention/health promotion.

As healthcare develops towards the individualised rational use of therapeutic agents, the role and responsibilities of pharmacists are of increasing importance.



“Pharmacists can contribute to the safe and effective use of medications through clinical practice, research and teaching. We continue to learn and share what we know with students, colleagues and the community, every step along the way.”

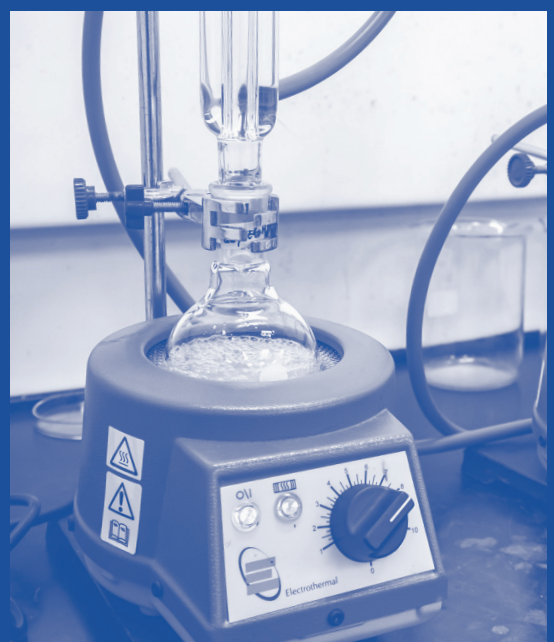


Dr Esther Chan
Associate Professor, Department of Pharmacology and Pharmacy



Role of Pharmacists

Pharmacists are essentially the experts on drugs. They work as a part of a multidisciplinary healthcare team to provide quality pharmaceutical care to patients, i.e. providing clinical pharmacy service, recommending appropriate drug choices and monitoring outcomes of drug therapies. Pharmacists are able to practise in a wide variety of areas, including community pharmacies, hospitals, clinics, nursing homes, pharmaceutical industries and regulatory agencies. Pharmacists can specialise in various areas of practice including but not limited to: haematology/oncology, infectious diseases, drug information, critical care, paediatrics, etc.



Programme Features



Clinical Pharmacy

With the support of Queen Mary Hospital, students studying at HKU enjoy early clinical exposure and also benefit from the inter-professional collaboration of pharmacists and clinicians through teaching in wards and outpatient clinics.

New Learning Approaches

Diversified “fit-for-purpose” teaching pedagogies have been adopted to manifest the specific features of the curriculum. As an area of strength of the Medical Faculty, the problem-based learning (PBL) approach is adopted to encourage interdisciplinary inquiry and foster life-long learning skills.

Training in Industrial Pharmacy

Students of the programme have the opportunity to experience this subspecialty to realise the increasing demand of the local industry for professional pharmacy service. A wide spectrum of topics on the practical aspects related to industrial pharmacy is taught by experts with extensive work experience in the industry.

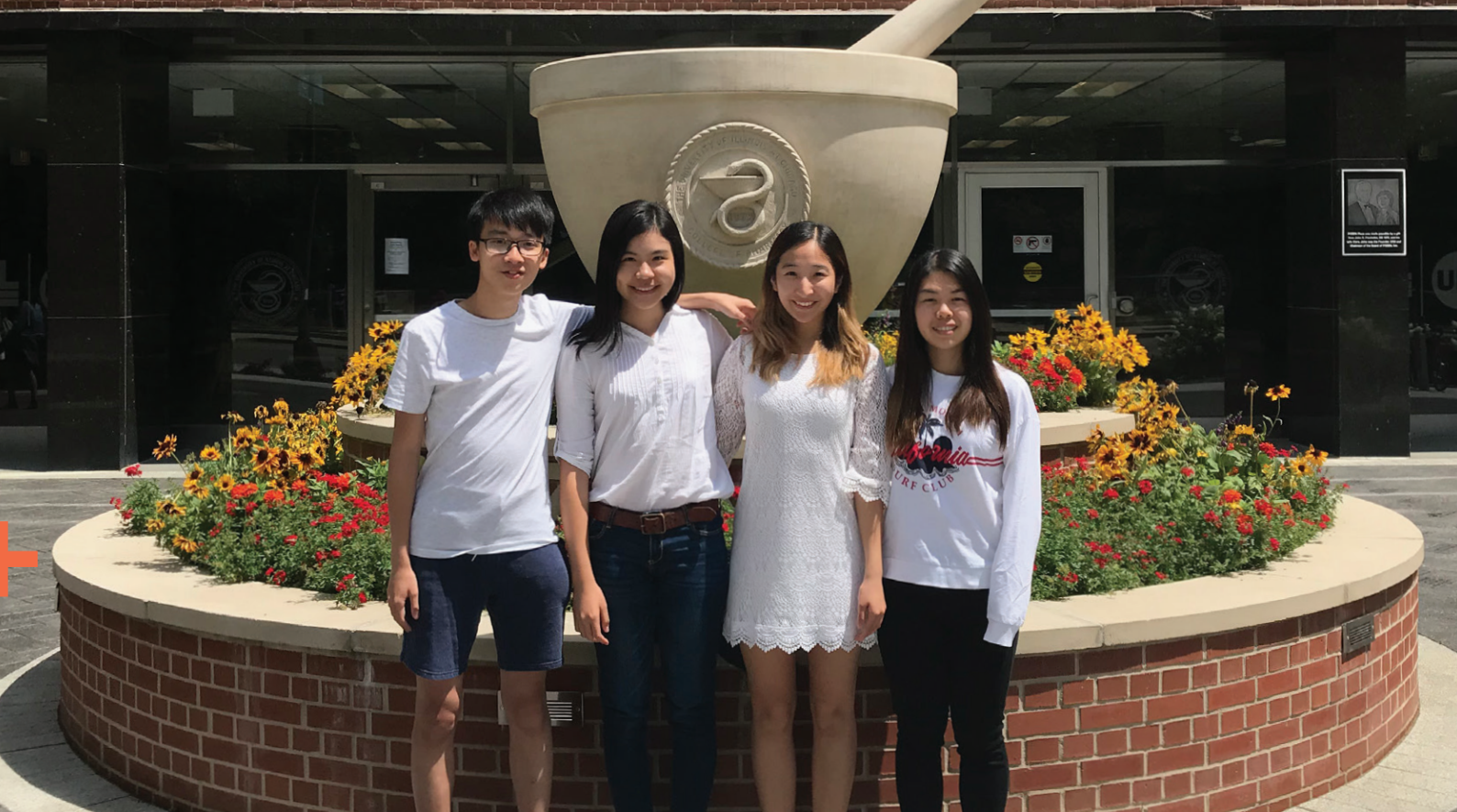
Patient Counselling and Communication Skills

A key characteristic of the programme is to enhance students’ proficiency in providing primary healthcare services, including patient education. Students have various opportunities to acquire patient counselling and communication skills step-by-step with a gradual increase in the degree of mastery and in the complexity of the situations encountered.

Exposure to Chinese Medicine as well as Complementary and Alternative Medicine

The programme equips future pharmacists who practise in Hong Kong with the knowledge of Chinese Medicine as well as Complementary and Alternative Medicines (CAM). These include herbal medicines, nutraceuticals, healthcare products, cosmetics, etc., which are commonly used by many patients in conjunction with Western medicines.

UNIVERSITY OF ILLINOIS AT CHICAGO COLLEGE OF PHARMACY



Local and Overseas Exposure

The new enrichment module will enable students to be involved in a local community service project of their own choices. The module provides them with the chance to engage in activities which benefit different groups in need as future healthcare professionals while enhancing their exposure at the same time.

In addition to local experiences, all our pharmacy students will have the opportunity to participate in an international exchange programme. A strong link has been established with the pharmacy department of different universities and hospitals around the world, including University College London (UK), King's College London (UK), University of Rouen (France), University of Sydney (Australia), Sojo University (Japan), University of Illinois at Chicago (USA) and many others.

The exchange programme offers a unique educational and cultural experience in addition to further pharmaceutical knowledge. It also helps to broaden the students' understanding of pharmaceutical and social conditions in different countries. Through the student exchange programme, there will be increased opportunities for improvement in pharmacy education through facilitating students to undertake international

professional experiences in research, hospital or community pharmacy, giving them the ability to compare and contrast healthcare provisions between the visited country and Hong Kong. This experience will enable students to come up with ideas on the future development of the pharmacy profession in Hong Kong.





Placement, Clerkship and Research Project

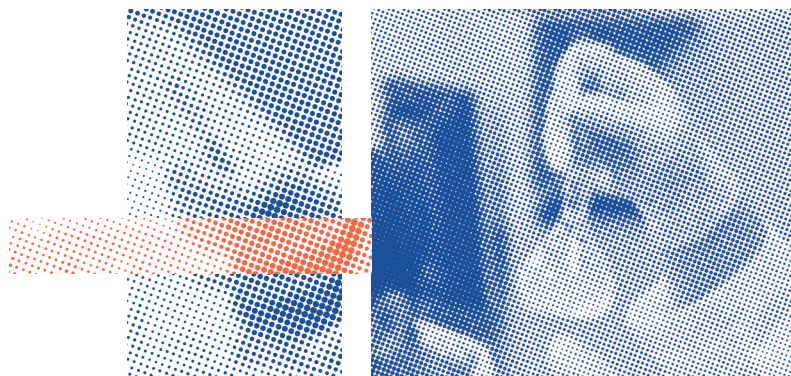
The programme ensures that students are adequately prepared to provide expert service at the community level through placement openings provided by the largest community pharmacy chain stores in Hong Kong.

As part of the curriculum, each pharmacy student will have the chance to gain work experience in different settings of pharmacy during term time. Students will rotate among hospital pharmacy, community pharmacy and pharmaceutical industry for at least one week in each setting during the final year of study.

In addition, students will have the opportunity to carry out a research project in a specialised area of their choices, including pharmaceuticals, pharmacology, pharmacy practice and clinical pharmacy, under the supervision of our academic staff. The research experience will be critical for the future career of pharmacy students in both academic and pharmacy workplace.

Opportunities for Interprofessional Learning

The programme offers students with invaluable opportunities of interprofessional learning throughout the four-year curriculum, including health research project, patient care project and interprofessional team-based learning with students from Medicine, Nursing and Chinese Medicine programmes. These interprofessional learning activities will utilise the expertise of students from different backgrounds and foster cooperation between different healthcare professionals in the future.



BPharm Curriculum Structure

YEAR 1

- + General Chemistry
- + Basic Sciences in Anatomy, Physiology and Biochemistry
- + Epidemiology & Research Methods
- + Drug Discovery
- + Drug Information
- + Critical Appraisal
- + Dispensing and Compounding Skills
- + Pharmaceutical Calculation
- + Core University English
- + Common Core Courses

YEAR 2

- + Pharmaceutical Chemistry
- + Dosage Form Design
- + Pharmacodynamic & Pharmacokinetics
- + Pharmacy in Body System Series:
 - Cardiovascular & Renal
 - Gastrointestinal
 - Respiratory
- + Pharmacy Practice: Responding to Symptoms
- + English for Clinical Pharmacy
- + Practical Chinese for Pharmacy Students
- + Common Core Courses

YEAR 3

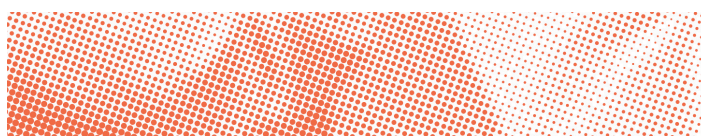
- + Advanced Drug Delivery
- + Pharmaceutical Analysis
- + Pharmacy Practice: Responding to Symptoms
- + Pharmacy in Body System Series:
 - Endocrinology
 - Neurology & Psychiatric
 - Musculoskeletal and Connective Tissue
 - Microbiology and Infectious Diseases
 - Oncology and Special Populations

YEAR 4

- + Research Methodology and Research Project #
- + Pharmacy Law and Ethics
- + Industrial Drug Development
- + Biopharmaceutical Technology and Future Medicines
- + Electives
 - Chinese Medicine*
 - Cosmetic Science*
 - Epidemiology & Precision Medicine*
 - Molecular Medicine*
 - Molecular Pharmacology*
- + Outreach Elderly Care Project
- + Professional Placement
- + Enrichment Module

All year 4 students have to complete a research project

* Elective Courses





Articulation to HKU MBBS and completion of two professional degrees in eight years

Starting from 2019/2020, HKU BPharm Programme starts to offer an articulation arrangement with HKU MBBS Programme. Students with outstanding performance by Semester 1 of Year 3 can choose to attach to the MBBS curriculum for one semester. Upon completion of the BPharm Programme and having satisfied the admission criteria of MBBS curriculum, students can then be admitted directly to Year 2 and exempted from the Year 3 enrichment year requirement. Students can, as a result, obtain dual professional degrees in BPharm and MBBS from HKU in eight years.



“Using our specialised drug knowledge to help patients optimise their medical treatment is what makes our job as pharmacists so meaningful.”

Ms Jody Chu
Lecturer, Department of Pharmacology and Pharmacy

Articulation to HKU MBBS programme

Completion of two professional degrees in eight years

BPharm



MBBS

Career Prospects for Pharmacy Graduates

Academics / Research

Universities, Higher Education Institutes

- + Pharmacy Education (training pharmacist and pharmacy technicians)
- + Scientific Research
- + Health Promotion
- + Knowledge Transfer



Hospital

Hospital Authority, Private Hospitals

- + Dispensing
- + Pharmacy Intravenous Admixture Service (PIVAS)
- + Clinical / Specialist Pharmacist (e.g. Paediatrics, Oncology)
- + Radiopharmacy
- + Medical Information
- + Information Technology
- + Clinical Trial
- + Drug Procurement



Pharmaceutical Industry

Local Manufacturers, Multinational Corporation

- + Manufacture and Supply
- + Quality Assurance (QA)
- + Drug Research and Development (R&D)
- + Regulatory Affairs
- + Business Development
- + Medical Information
- + Sales and Marketing
- + Pharmacovigilance
- + Clinical Trial



Department Of Health / Drug Office

- + Policy Planning
- + Pharmacovigilance
- + Inspection
- + Drug Registration
- + Clinical Service
- + Public Health



Community Pharmacy

Chain and Independent Pharmacies

- + Community Pharmacist
- + Primary Care
- + Business Management
- + Locum



Others

- + Medical Writer / Editor
- + Veterinary Pharmacist
- + Non-Profit Organisation
(e.g. visiting pharmacist in elderly homes, healthcare project coordination)
- + Further Study (e.g. PhD, Medical Degree)



Professional Recognition

The programme has been granted accreditation by the Pharmacy and Poisons Board of Hong Kong. Students who have completed a full-time pharmacy degree and one additional year of internship are qualified as registered pharmacists in Hong Kong.

Future Studies

Graduates can consider a taught Master of Clinical Pharmacy programme or pursue academic pharmacy through research postgraduate study.



For more information
on admissions



**HKU
Med**

LKS Faculty of Medicine
Department of Pharmacology
& Pharmacy
香港大學藥理及藥劑學系

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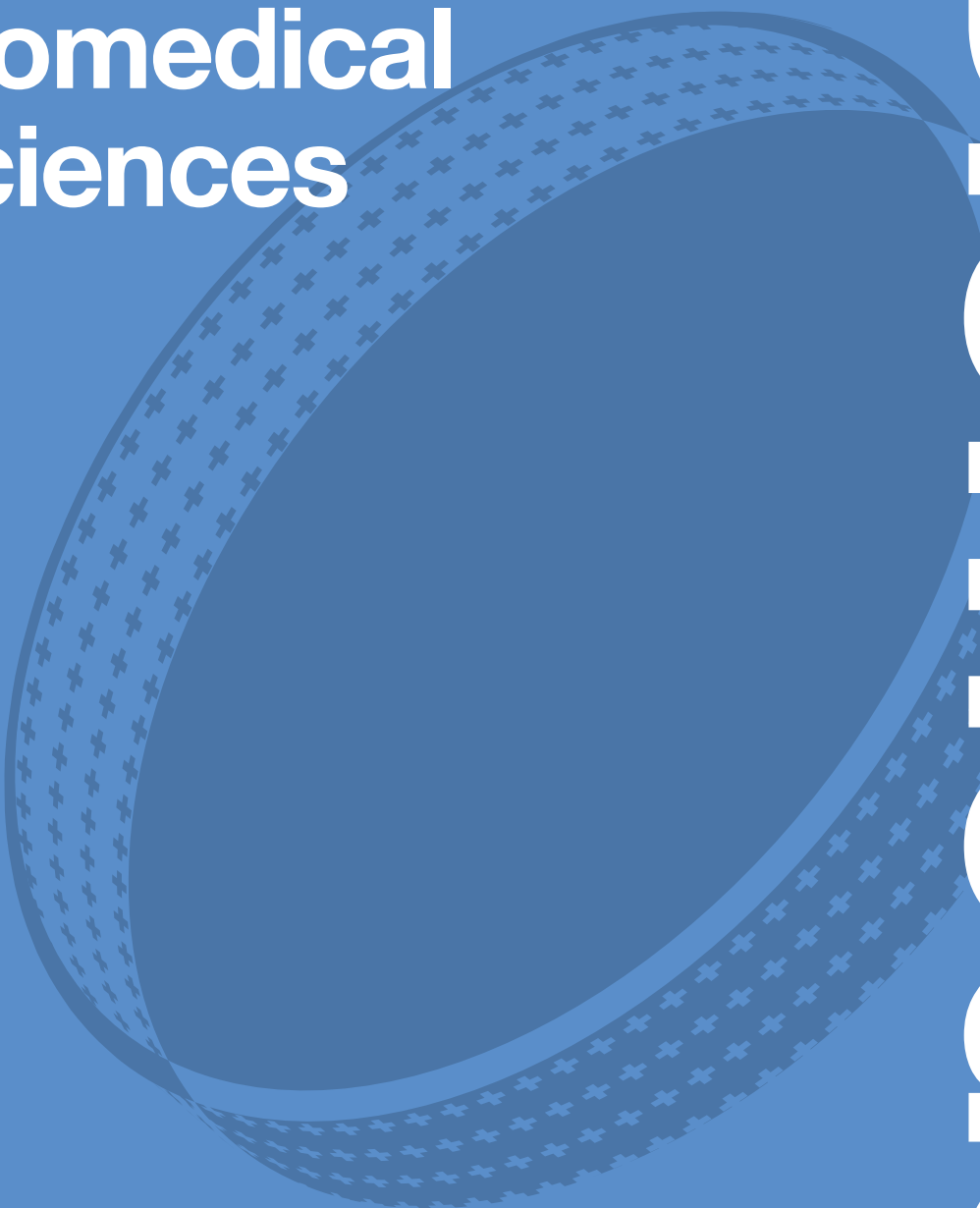
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BioMedSci

Biomedical
Sciences



HKU
Med

BBiomedSc



- + The BBiomedSc is global in outlook, with flexibility given to students to tailor their learning towards their area of interest, be it biomedical research, articulation to a healthcare profession, or innovation and entrepreneurship.



Programme Aims and Objectives

Biomedical sciences cover a wide range of scientific and allied disciplines, including molecular and cell biology, genetics and genome science, bioinformatics, anatomy, physiology, pharmacology, biological and medicinal chemistry, immunology and microbiology, and public and environmental health. The study of biomedical sciences focuses on the relationships between humans, health, and disease, translating biomedical applications of basic sciences to the clinical practices of health services and the healthcare industry.

The 21st century is widely regarded as an age of 'biomedicine'. With the foundation of its excellent track record in biomedical research and a strong team of biomedical scientists, the Faculty offers the Bachelor of Biomedical Sciences (BBiomedSc) programme with the aim of nurturing graduates with broad but core knowledge in key biomedical disciplines. They will be well-trained to develop careers in areas such as research in universities, government and medical laboratories; research and development for the pharmaceutical, diagnostics, medical devices and laboratory instrumentation industries, and management and business development of related industries; clinical trials management; media and communication; and health promotion, hospital administration and healthcare planning. They will also have acquired an excellent foundation for articulation to medical, veterinary sciences and other health-related professional programmes through graduate entry, and for MPhil/PhD studies.



“As a student of biomedical sciences here at the University of Hong Kong, you will be equipped with core and broad knowledge of the biomedical disciplines, preparing you for the challenges in contemporary and innovative health delivery and research.”

Professor Danny Chan
Interim Director, School of Biomedical Sciences

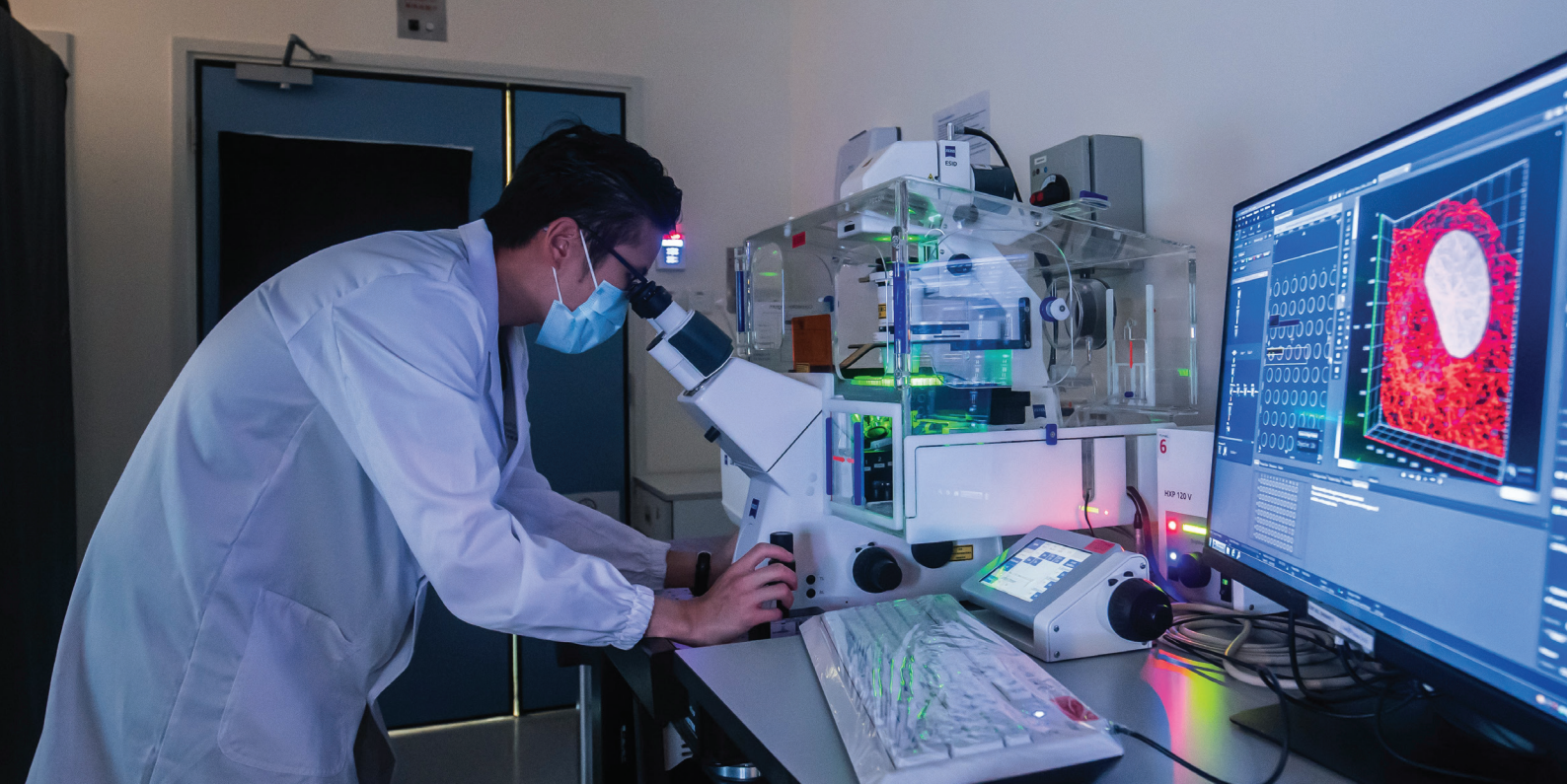


Programme Overview

The BBiomedSc curriculum is designed with a good balance of structure and flexibility, allowing students to plan their study according to their individual interests. The focus of the Biomedical Sciences core courses is to cover:

- the structures and functions of the human body and the processes that are essential to life;
- the basic principles of the processes, mechanisms, patterns of diseases and concepts of diagnostics and therapeutics, and
- essential analytical methodologies and state-of-the-art contemporary information technology in the field of biomedical sciences.

Students are required to complete a total of 240 credits of courses in the four-year curriculum, of which 96 credits are Biomedical Sciences major courses, 36 credits are Common Core courses, and 18 credits are Language Enhancement courses. The remaining 90 credits are for minor and electives.



Introductory Courses

The introductory courses consolidate students' knowledge of anatomy, human biology, human physiology, biochemistry, and pharmacology which are all necessary to understand the basis of human biology and processes that are essential to life. Students are required to complete the following introductory courses:

- Introduction to Human Anatomy and Physiology
- Perspectives in Biochemistry
- Biostatistics
- General Chemistry I/Foundations of Chemistry
- Basic Biomedical Laboratory Techniques

Example courses:

- Human Anatomy
- Biomedical Pharmacology
- Physiological Basis of Health and Disease
- Introduction to Clinical Research
- Exercise Physiology
- Human Genetics
- Fundamentals of Clinical Trial Management
- Physical and Health Benefits of Exercise
- Research Methods in Medicine and Health Sciences

“Active learning is a critical part of student learning – learning about DNA structure through building models is a great experience for first year students.”

Professor Julian Tanner
Associate Director (Teaching & Learning), School of Biomedical Sciences



Advanced Courses

The advanced courses provide students with a foundation in the cellular, molecular and genetic basis of human diseases, as well as strategies for diagnosis. In the last year of study, students are required to undertake a Final Year Project or the Biomedical Innovation Team Project. The Final Year Project constitutes a capstone experience for students, allowing them to integrate their knowledge and apply experimental and informatics skills to solve defined problems by research. The Biomedical Innovation Team Project provides a capstone experience for students, allowing them to integrate their knowledge in biomedical sciences previously acquired, and knowledge in business and marketing introduced in this course to translate biomedical research to viable products.

Students are required to complete the following advanced courses:

- Molecular Diagnostics Laboratory
- Final Year Project/Biomedical Innovation Team Project

Plus any four of the following:

- Medical Microbiology
- Molecular Biology of the Cell
- Mechanisms and Pathology of Diseases
- Infection and Immunity
- Biomechanics and Biomedical Technologies
- Sequence Bioinformatics
- Biopharmaceutical Research and Development
- Emerging Infectious
- Molecular Neuroscience
- Biological Basis of Exercise and Health
- Exercise and Chronic Disease

Minor Options And Electives

Students can plan their study with the remaining 90 credits in various manners. They may opt to take a minor and/or electives offered within the BBiomedSc curriculum or offered in other curricula. The minor options offered in the BBiomedSc curriculum include:

Minor in Biotechnology & Clinical Research

Example courses:

- Contemporary Topics in Biomedical Technology
- Stem Cell Biotechnologies in Regenerative Medicine
- Business Aspects of Biotechnology

Minor in Kinesiology

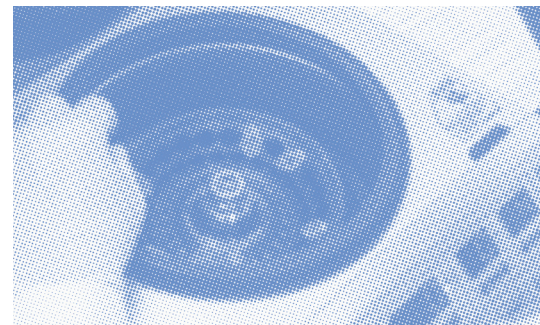
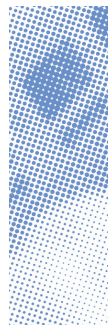
Example courses:

- Exercise Physiology
- Biological Basis of Exercise and Health
- Physical and Health Benefits of Exercise

Minor in Genetics & Genomics

Example courses:

- Cancer Biology
- Genome Science
- Public Health Genetics



Modes of Learning

Students will be exposed to a wide range of learning experiences, varying with courses they are enrolled in. These experiences include traditional lectures, laboratory practicals, problem-based learning tutorials, web-based learning as well as research projects.

Research and Summer Internship Opportunities





BBiomedSc students are provided with ample opportunities to experience laboratory-based research and be trained for a career in research and development. Under the Summer Internship Programme, they can join the research teams of professoriate members of the Faculty, attach to the research laboratories of top class universities abroad, and work in an external agency related to field of Biomedical Sciences or in other industries in the summer of Year 1, 2 and 3.

The Undergraduate Research Fellowship Programme (URFP) of the University supports students in their pursuit of research and development with the provision of scholarships.

Curriculum Structure

YEAR 1				
Biomedical Core courses (24 credits) Common Core courses (24 credits) Language Enhancement courses (12 credits)			Summer Internship (HK/Overseas/Industrial)	
SEP	JAN	APR	JUN	AUG
YEAR 2				
Biomedical Core courses + Electives (42 credits) Common Core courses (12 credits) Language Enhancement course (6 credits)			Summer Internship (HK/Overseas/Industrial)	
SEP	JAN	APR	JUN	AUG
YEAR 3				
Biomedical Core courses + Electives (60 credits) or Overseas Exchange Studies (possible articulation pathways)			Summer Internship (HK/Overseas/Industrial)	
SEP	JAN	APR	JUN	AUG
YEAR 4				
Biomedical Core courses + Electives (48 credits) Final Year Project (12 credits) or Innovation Team Project (from 2022/23 onwards subject to approval, 12 credits)				
SEP	JAN	APR	JUN	AUG

Possible Articulation Pathways

Bachelor of Biomedical Sciences (4 years)			
 THE UNIVERSITY <i>of</i> EDINBURGH	 THE UNIVERSITY OF SYDNEY	 THE UNIVERSITY OF SYDNEY	 The University of Hong Kong
+3 YEARS	+1.5 YEARS	+1.5 YEARS	+4 YEARS
Veterinary Surgeon	Physiotherapist	Diagnostic Radiographer	Medical Doctor

“Science is more than just knowledge, but the art of questioning the world. BBiomedSc provides a variety of articulations, encouraging students to explore the meaning of life beyond textbooks and lectures, equipping them to question the world, pursue their dreams, and strive for excellence.”

Fong Hoi Chun
 BBiomedSc 2019



“Through the biomedical sciences curriculum, we aim to encourage more students to find and develop their passion for research and innovation and nurture an entrepreneurial mindset to translate biomedical research findings into clinical applications that can benefit society.”

Dr Stephanie Ma
Associate Professor, School of Biomedical Sciences



Professional Recognition and Career Prospects

Biomedical Sciences graduates will be equipped with practical and transferable skills applicable to a wide range of areas in both public and private sectors. Major employment areas include research in university and government laboratories; medical development and management for the pharmaceutical, diagnostics, medical devices industries; and hospital and healthcare planning. BBiomedSc students can participate in overseas exchange and/or articulation programmes in the third year of study for obtaining professional qualification after graduation.



For more information
on admissions



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LKS Faculty of Medicine
School of Biomedical Sciences
香港大學生物醫學學院

Enquiries

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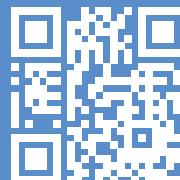
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**Global Health &
Development**

BASc (GHD)



**HKU
Med**

BASc(GHD)



- ✚ The BASc (GHD) provides students with the interdisciplinary knowledge and competencies necessary to become leaders in developing sustainable solutions to the rapidly-evolving global health and development challenges of today's world.



Programme Aims and Objectives

The Bachelor of Arts and Sciences in Global Health and Development [BASc(GHD)] is a four-year undergraduate programme, with a particular focus on interdisciplinarity in the context of global health and development. The aim of the programme is to nurture future leaders who have the broad foundation of knowledge, skills and competencies to contribute to tackling some of the world's most pressing challenges.

The broad curriculum is delivered in partnership with Faculties across HKU including Architecture, Business and Economics, Law, Science, and Social Sciences. This allows students to develop core blocks of knowledge from a multidisciplinary and international perspective. The programme also encourages the development of the practical skills required to succeed in today's competitive job market as well as knowledge and academic credibility. This is why as part of the programme, students are required to undertake six months' of practical work in a global health and development organisation where they will receive expert support and mentoring, and gain valuable work experience.

Programme Features

The BASc(GHD) combines:

- Basic to intermediate level courses across multiple Faculties (Architecture, Business and Economics, Law, Medicine, Science, Social Sciences)
- Advanced seminars
- Field placement in global health and development organisations
- Mentoring on career choices and leadership
- BASc courses on leadership and big data analytics





“Global health issues such as COVID-19 and the obesity epidemic are increasingly complex and challenging. Having an interdisciplinary mindset to develop innovative and sustainable solutions would be crucial to achieve a win-win situation for all sectors.”

Dr Karen A. Grépin
Associate Professor and BASc(GHD) Deputy Programme Director





Why was the BASc(GHD) created

Challenges such as chronic and infectious diseases; the development of better and more accessible health systems; the reduction of poverty and inequities; the consequences of societal and conflict-related displacement; and the existential planetary threats of climate change are at the heart of modern health and development. To tackle such complex and rapidly evolving challenges, not only will it require approaches that consider the health of people and the development of communities and countries together, but also ideas that combine and cross disciplines. The BASc(GHD) was created to better prepare the next generation of leaders who will work on (and solve) such deeply important challenges.

“The BASc(GHD) programme provides us with chances to push our limits and expand our horizons — courses from unfamiliar disciplines might seem daunting at first glance, but with supportive coursemates and professors, no challenge is insurmountable!”

Felicity Lam
BASc(GHD) Year 3





Interdisciplinary Major

This 96-credit interdisciplinary major is hosted by the LKS Faculty of Medicine in collaboration with Faculties of Architecture; Business and Economics; Law; Science; and Social Sciences.

Anchoring Courses

Four anchoring courses, one in each year of study, adopt a case-based problem-solving approach to assist students to navigate the interconnectedness among the various academic disciplines. These courses include:

- Foundations in global health and development
- Globalisation and health
- Leadership and advocacy in global health and development
- Global health policy

BASc Core Courses

Three BASc Core Courses will be offered in Year 1 and 2 to cultivate an interdisciplinary mindset in students, to nurture their leadership and advocacy talents, and to hone their skills in cutting-edge big data sciences. These courses include:

- Sustainable leadership
- Foundations of human knowledge
- Essential skills for undergraduates: Foundations of data science

Field Placement/Capstone

A distinctive feature of the programme is a compulsory capstone, during which students will be placed for a 6-month experience arranged by HKU. Students will gain exposure to real-life global health and development challenges. They will have the opportunity to gain practical experience and receive mentoring from organisations at the forefront of Global Health and Development, which will help pave the path to their career.

Foundational Learning Blocks

Arts and Sciences

- Economics and finance
- Globalisation
- Interpretation of statistics
- Research methods

Global Development

- Economics of development
- International relations
- Politics and international trade
- Population growth and development

Global and National Issues

- Global health governance
- International law
- Social and cultural priorities
- Major global trends

Global Health

- Epidemiology
- Global burden of disease
- Health and healthcare systems
- Planetary health
- Risk prevention and risk reduction
- Principles of public health

Advanced Learning Blocks

Global Governance and Multinational Institutions

- Politics, policy-making and governance
- Roles and jurisdictions of multinational and international organisations

In-depth Study – Advanced Seminars

- Topics such as:
 - Universal health coverage
 - Pandemics and emergencies
 - Food systems
 - Healthy cities
 - Sustainable development

Curriculum Structure

YEAR 1: 66 CREDITS					
Foundations in Global Health and Development (6 credits)	Exam	Introductory Economics and Finance (6 credits)	Exam		
Statistics: Ideas and Concepts (6 credits)		Chinese Language Enhancement Course (6 credits)			
Sustainable Leadership (6 credits)		Foundations of Human Knowledge (6 credits)			
Common Core Courses (12 credits)		Common Core Courses (12 credits)			
		Elective Course (6 credits)			
SEP	DEC	JAN	MAY	JUN	AUG

YEAR 2: 66 CREDITS					
Globalisation and Health (6 credits)	Exam	Research Methods in Medicine and Health Sciences (6 credits)	Exam		
Disciplinary Core Course* (6 credits)		Legal Foundations for Global Health and Development (6 credits)			
Essential Skills for Undergraduates:		Disciplinary Core Course* (6 credits)			
Foundations of Data Science (6 credits)		English in the Discipline Course (6 credits)			
Elective Courses (12 credits)		Elective Courses (12 credits)			
SEP	DEC	JAN	MAY	JUN	AUG

YEAR 3: 66 CREDITS					
Global Health Policy (6 credits)	Exam	Disciplinary Core Courses* (12 credits)	Exam	Capstone in Global Health and Development (Field Placement)	
Disciplinary Core Course* (6 credits)		Elective Courses (18 credits)			
Elective Courses (24 credits)		International Exchange (optional) (18-30 credits)			
SEP	DEC	JAN	MAY	JUN	AUG

YEAR 4: 42 CREDITS						
Capstone in Global Health and Development (Field Placement) (cont'd) (12 credits)		Leadership and Advocacy in Global Health and Development (6 credits)			Exam	
		Disciplinary Core Course* (6 credits)				
		Elective Courses (18 credits)				
SEP	DEC	JAN			MAY	AUG

***Disciplinary Core Courses include the following:**

Year 2	Population and development
Year 2	Theories and global trends in urban development
Year 2	Introduction to international relations
Year 2	Economic development
Year 2	Environmental change and socio-political conflicts
Year 3	International organisations
Year 3	Global political economy
Year 3	Health systems and financing
Year 3	Global health governance
Year 4	The role and impact of private sector in health and development
Year 4	Seminar in major global health and development challenges
Year 4	Bringing it all together: Seminar in planetary health

“Global health is interdisciplinary, it is not just about health – it is social, political, and is closely related to the world economy. That’s why global health is always relevant and studying BASc(GHD) in HKU allows us to explore the field further.”

Claudia Lam
BASc(GHD) Year 3



Minor Options and Electives

Students can plan their study with the remaining 90 credits in various manners, such as taking a minor, and/or electives offered within the BASc(GHD) curriculum or those offered in other curricula across Faculties. Within BASc(GHD) curriculum, the minor options offered include:

Minor in Global Health

Example Courses:

- Environmental change and socio-political conflicts
- Theories and global trends in urban development
- Global health governance



Photo credit: UN photo / Joao Araujo Pinto

Minor in Global Development in Asia

Example Courses:

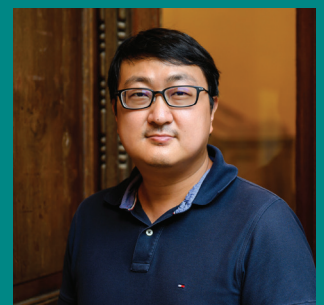
- Economic development
- Introduction to international relations
- Global political economy





**“Modern careers take a variety of tracks,
that’s why the BAsSc(GHD) programme gives
students the opportunity to embrace
curiosity and develop a broad foundation of
knowledge and skills combined with the
practical experience to succeed in today’s
increasingly connected world.”**

Dr Ryan Au Yeung
Assistant Professor and BAsSc(GHD) Admissions Tutor



Career Prospects

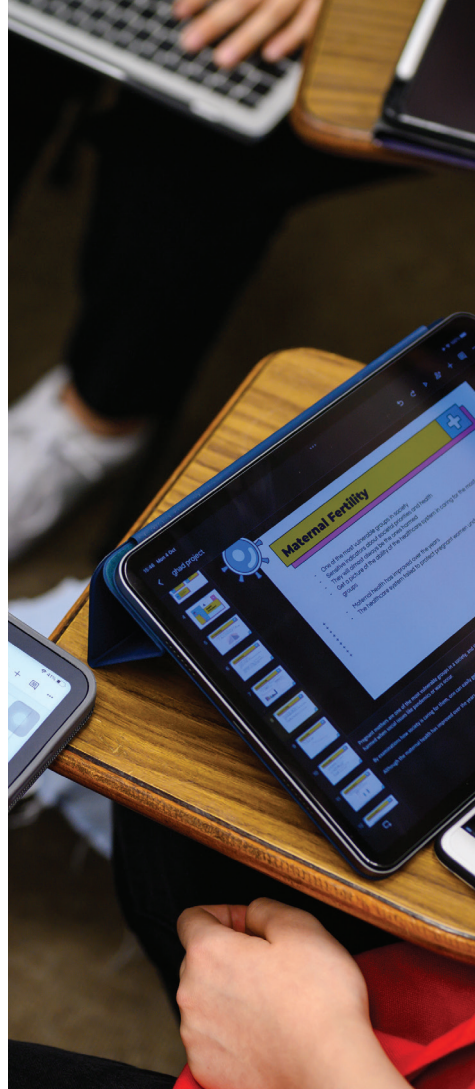
Students will have the educational foundation, interdisciplinary skills and practical experience needed to launch a broad range of careers in sectors such as global health, development and economics, industry, academia, government and non-governmental organisations. The competencies, perspectives, knowledge and skills will enable students to take on technical, academic, strategic and leadership related roles.

Entrance Scholarships

Up to four scholarships shall be awarded each year to local students admitted to the BASc(GHD) programme, primarily on the basis of academic merit at the time of admission, and secondly on the interview performance.



For more information
on admissions





**HKU
Med**

LKS Faculty of Medicine
School of Public Health
香港大學公共衛生學院

Enquiries

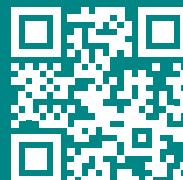
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BSc(Bioinformatics)

Bioinformatics

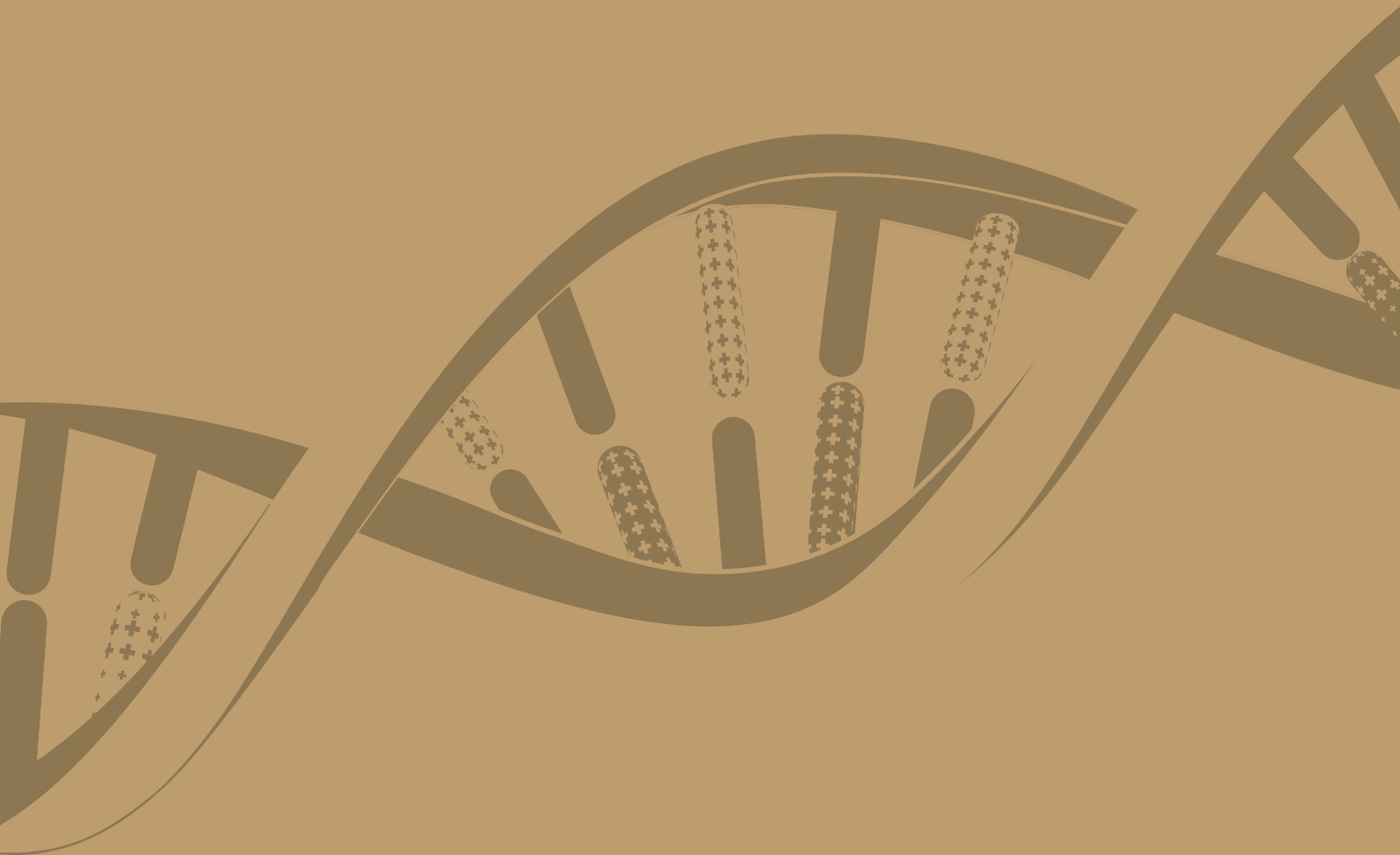


HKU
Med



BSc(Bioinformatics)

- + The Bioinformatics programme at HKUMed nurtures the next generation of global leaders in biomedical data science and digital healthcare technology, who are well equipped to excel in diverse career paths in the healthcare sector, public health services, innovative entrepreneurship, and research.



Programme Aims and Objectives

Bioinformatics cover a wide range of high impact biomedical big data applications, including genomics, precision medicine, single-cell analysis, multi-omic systems biology, digital health technology, mobile health, artificial intelligence (AI) analysis of medical imaging data, electronic health record analysis, and global health & epidemiology.

Programme Overview

The design of this BSc(Bioinformatics) curriculum recognises the wide spectrum of personal interest and diversity in career aspiration of a modern bioinformatics practitioner, ranging from biomedical researchers who are skilled at performing analysis with bioinformatics tools (bioinformatics users), to computational biologists who can perform large-scale data analyses to solve biological questions (bioinformatics scientists), to software developers who build innovative computational or statistical tools for biomedical applications (bioinformatics engineers).



Data science is now central to modern biomedical research and healthcare innovation. Our BSc in Bioinformatics programme provides essential training for future leaders in this cutting-edge discipline.



This programme is centred around a series of anchoring courses across the four-year curriculum. These anchoring courses enable vertical and horizontal integration of various courses from diverse disciplines across different year levels. The flexible design of the curriculum allows students to take a multitude of disciplinary elective courses in biomedical sciences, statistics, computer science, and biomedical engineering. The programme focuses on essential statistical data analysis skills, key algorithms for biomedical informatics, and fundamental concepts in modern genomic and health technology.

Students are required to complete 240 credits of courses in the four-year curriculum, of which 96 credits are major courses, 36 credits are Common Core courses, and 18 credits are Language Enhancement courses. The remaining 90 credits are for minors and electives.

Core Courses for Bioinformatics Major

The core courses are divided into anchoring, foundation, project and disciplinary elective courses.

Anchoring Courses

Three anchoring courses are the centre-piece of the programme. It is expected that one anchoring course is taken at each of Year 1, 2 and 3/4 of the programme. These courses adopt a case-based problem solving approach to support interdisciplinary integration of subject-specific content at each year level (horizontal integration), and provide a consistent backbone for the curriculum across different years levels (vertical integration). Students are required to complete the following anchoring courses:

- Introduction to Biomedical Data Science
- Artificial Intelligence in Medicine
- Big Data in Biomedical Informatics

Foundation Courses

These courses, mostly to be taken in Year 1 and 2 of the programme, focus on concepts and practical skills in fundamental topics in bioinformatics, such as biochemistry, mathematics, statistics, and computer programming. Students are required to complete the following foundation courses:

- Perspectives in Biochemistry
- Computer Programming
- University Mathematics II
- Multivariable Calculus and Linear Algebra
- Probability and Statistics I
- Probability and Statistics II

Project: Capstone Experience

Each student is required to carry out an in-depth year-long research project in a specialised field of bioinformatics under the guidance of a supervisor who will provide continuous assessment on the student's performance.

Disciplinary 'Data Science Laboratory' Courses

Taking an experiential learning approach, two innovative 'Data Science Laboratory' courses are offered to allow students to acquire hands-on computer programming and data analysis skills, and reinforce the underlying principles of mathematical, statistical, and algorithmic concepts through tailored dry-lab practical classes in genomics and digital health.

Students are required to complete one or both of the following courses:

- Genome Sequencing and Analysis
- Digital Health

Disciplinary Elective Courses

A wide range of specialised courses in bioinformatics, biomedical sciences, statistics and computer science can be chosen to fulfil the disciplinary elective courses. Students are required to take three to four courses from over 20 courses. Some example bioinformatics courses include:

- Structural Bioinformatics
- Biomedical Software Systems
- Global Health Informatics
- Biomedical Image Informatics



Minor Options and Electives

Students can plan their study with the remaining 90 credits in various manners. They may opt to take a minor and/or electives offered within the BSc(Bioinformatics) curriculum or offered in other curricula. The minor options offered in the BSc(Bioinformatics) curriculum include:

Minor in Digital Health

Example courses:

- Artificial Intelligence in Medicine
- Digital Health
- Biomedical Signals Processing and Modelling in Biomedical Applications

Minor in Biomedical Data Science

Example courses:

- Sequence Bioinformatics
- Global Health Informatics
- Statistical Machine Learning

Modes of Learning

Students will be exposed to a wide range of learning experiences, varying with courses they are enrolled in. These experiences include traditional lectures, data science laboratory practicals, problem-based learning tutorials, web-based learning, as well as research projects.

Internship Opportunities

BSc(Bioinformatics) students are provided with ample opportunities to gain work experience in the industry as well as local and international research laboratories relating to bioinformatics and health data science. An internship can be taken as a credit-bearing course during the semester, or as a non-credit bearing experience during the summer break. The workplace learning experience will enable students to apply knowledge gained during their studies in real work environments.



Curriculum Structure

YEAR 1	YEAR 2	YEAR 3	YEAR 4
Anchoring courses (18 credits) BIOF1001 Introduction to Biomedical Data Science BIOF2001 Artificial Intelligence in Medicine BIOF3001 Big Data in Biomedical Informatics			Capstone course (12 credits) BIOF4001 Final Year Project
Foundation courses (36 credits) BIOC1600 Perspectives in Biochemistry COMP117 Computer Programming MATH1013 University Mathematics II		Disciplinary ‘Data Science Lab’ courses (6 or 12 credits) BIOF3002 Genome Sequencing and Data Analysis BIOF3003 Digital Health	
Common Core (36 credits) Language (18 credits)	Disciplinary elective courses (Choose any 3 or 4) (18 or 24 credits)		
	Biomedical Sciences BIOC2600 Basic Biochemistry BIOC 3605 Sequence Bioinformatics BBMS2003 Human Genetics BBMS2007 Essential Molecular Biology BBMS3008 Essential Proteomics BBMS3009 Genome Science BBMS4004 Public Health Genetics	Computer Science COMP2113 Programming Technologies COMP2119 Introduction to Data Structures and Algorithms COMP3314 Machine Learning COMP3317 Computer Vision COMP3353 Bioinformatics Statistics STAT3600 Linear Statistical Analysis STAT3612 Statistical Machine Learning STAT4602 Multivariate Data Analysis STAT4609 Big Data Analytics	Bioinformatics specialty courses BIOF3004 Bioinformatics Internship BIOF3005 Structural Bioinformatics BIOF3006 Biomedical Software Systems BIOF4002 Global Health Informatics BIOF4003 Biomedical Image Informatics
Other electives (90 credits) Students should ideally minor in Biomedical Data Science, Digital Health, Statistics, Computer Science, or one or more of the Biomedical Sciences minors. Selection of other electives from across the university is also possible.			

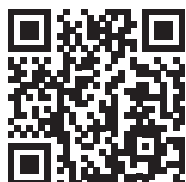


Professional Recognition and Career Prospects

BSc(Bioinformatics) graduates will be equipped with practical and transferable skills applicable to a rapidly maturing interdisciplinary field that is of high demand in research, hospital and industry, both locally and internationally. There is a strong growing demand for biotechnology and big data expertise in local/internationally research centres, as well as growing demand in the hospital and healthcare sector in analysis of clinical and public health data.

Some examples of tasks that graduates would be able to do include:

- Interpreting genetic testing results from patients and reporting findings to help clinicians to make treatment decisions.
- Identify patterns in epidemic outbreak-based electronic records of passengers on public transport in order to guide pandemic prevention strategies.
- Predicting how novel compounds interact with proteins to help identify new targeted therapies for diseases.



For more information
on admissions



**HKU
Med**

LKS Faculty of Medicine
School of Biomedical Sciences
香港大學生物醫學學院

Enquiries

✉ sbms@hku.hk

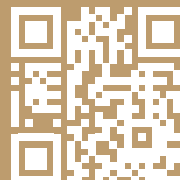
☎ (852) 3917 9259

🌐 www.sbms.hku.hk

📍 1/F, Laboratory Block, 21 Sassoon Road,
Pokfulam, Hong Kong

 [@hkusbms](https://www.facebook.com/hkusbms)

 [@hkusbms](https://www.instagram.com/hkusbms)





Life At HKUMed

Medical education has been at the heart of The University of Hong Kong's history since our inception and HKUMed has been a leader in medical education and research throughout our 130+ years of history. Today we look forward to nurturing the next generation of healthcare professionals and leaders.

There are many support systems in place at HKUMed - financial, facilities, advice and networks - to help students join various local and overseas learning programmes, including clinical attachments, exchanges, service trips and study tours, in addition to the MBBS Enrichment Year. We strongly believe this well-rounded experience is essential to the personal and professional development of our students.



The Medical Campus

The Medical Campus on Sassoon Road is home to our teaching schools and departments and their research laboratories, as well as various state-of-the-art facilities.

One major landmark at the Medical Campus is the Faculty Learning Commons, which provides a shared space for students and teachers to engage in teaching and learning activities. Many campus events are also held at the Learning Commons, making it a popular socialising spot for students.

The Yu Chun Keung Medical Library is a centre of excellence in knowledge management. The Medical Library is an integral part of the University Libraries comprising significant digital resources, multimedia as well as extensive print collections covering biomedical and health sciences. The Library became a World Health Organization Depository Library in 1993.

The Cheung Chin Lan Hong Atrium is the built expression of HKUMed's core mission to enrich the total learning experience for students by creating a space for them to socialise and connect with outside the classroom.

The new Faculty Boardroom located in the Faculty Administration Wing provides ample space for academic conferences and professional seminars. It is equipped with cutting-edge teleconferencing equipment and an LED video wall.

With a growing student body, HKUMed has developed expansion plans to provide excellent training facilities for the next generation of healthcare professionals.

This vision emphasises the whole-person development of our students, meaning expanding communal spaces is central to the development plans. This is exemplified by the new outdoor garden on 1/F of the William M.W. Mong Block from where students can enjoy a panoramic sea view and take a breath of fresh air between classes.

A nine-storey building at 3 Sassoon Road will serve as the new home for the School of Nursing and School of Chinese Medicine and is expected to be completed in 2022. The complex will provide more than 10,000 square meters of operational floor area for lecture theatres, seminar rooms, classrooms, Learning Commons, clinical skills training centres, research laboratories and a Chinese Medicine outpatient clinic.

Looking into the future, the Sassoon Road campus will be transformed into a state-of-the-science medical campus stretching from Queen Mary Hospital (QMH) on Pokfulam Road at the top, to the Victoria Road roundabout at the bottom. A reinvigorated built environment will continue to provide exceptional support and opportunities for students, as well as taking our research to the next level.



Discover
our campus



Student Wellness

HKUMed is determined to support student growth and whole-person development. A team of professional counsellors, clinical psychologists and psychiatrists are available on the Medical Campus to provide confidential, convenient and free clinical services to all HKUMed students.

These include individual counselling, consultation, crisis intervention, diagnostic assessment, group therapy, psychoeducational programmes, and brief psychotherapy. The Student Wellness Team also strives to help students thrive in the academic environment through its Peer Supporter Programme, as well as outreach activities and workshops designed to raise mental health awareness and strengthen resilience.





Academic Advising

Under the University-wide Academic Advising System, all HKUMed undergraduate students are paired with an Academic Adviser. This one-on-one adviser-advisee relationship lasts for the entire period of study, aiming to provide students with support in the pursuit of their academic, career and life goals. Through the process, our students are empowered to think critically, explore available options, evaluate the progress towards their own goals, and take personal responsibility for decision-making with the guidance of teachers and academic advisers.

Accommodation

You can apply to stay in one of the residential halls or colleges, which are situated on the Main Campus, Pokfulam Road, Lung Wah Street and Sassoon Road. These residences vary in style and character. Most of the study-bedrooms are shared by two students, but there are also single rooms. Two residences are under the Faculty's management: the Madam S H Ho Residence for Medical Students (RMS), which accommodates 163 students in single rooms, and the Patrick Manson Student Residence (PMR), which accommodates 124 students in shared bedrooms. Senior medical students undergoing clinical training at Queen Mary Hospital (QMH) are required to stay at RMS or PMR during specific specialty clerkships. These residences allow more medical and nursing students to be close to QMH for their clinical training.



Student Organisations

The vast variety of student-run organisations at HKUMed offer opportunities for you to extend the academic experience beyond the classroom. These societies are open for all students within the Medical Faculty and respective programmes to foster a spirit of comradeship and professional unity in the field of medical education and among future healthcare professionals. You can also join other interest groups and student societies to engage with your fellows, volunteer in healthcare-related activities, or simply just to have fun!

Our students are equally active beyond HKUMed. By participating in joint-university societies, they are exposed to various opportunities to interact with medical students and professionals from other institutions in the region, cultivate knowledge and serve the community.



“As future healthcare professionals and leaders, it is our responsibility to never shy away from the complexities of social awareness and health advocacy. As the IFMSA Regional Director for Asia-Pacific, I was an active catalyst in shaping the global health agenda with the UN, the WHO and other non-state actors. Taking on this position has convinced me to have the courage to believe that young persons can also offer perceptive insights to contemporary dialogues via meaningful youth engagement. I hope that we can further realise the untapped potential medical students have in shaping each other and the world around us.”



Mathew Chow
MBBS Year VI and former Regional Director for Asia-Pacific at the
International Federation of Medical Students Association

Student Ambassador Programme

As a member of the HKUMed family, you will get the opportunity to represent the Faculty and work alongside other highly-motivated individuals through our Student Ambassador Programme. The programme provides students with a platform to meet peers from a plethora of backgrounds, and connect with prospective students who, like yourself, wish to pursue a career in healthcare and medical sciences.

Our ambassadors can choose to stay engaged with the student community in varied capacities; some may want to focus on fostering a close mentorship with prospective students through sharing more about their learning experiences, university life, and all the fun activities here at HKUMed. Others may want to cultivate their creative prowess, curating social media content for online platforms and keeping in touch with the HKUMed community. There are also opportunities for our ambassadors to nurture their public speaking skills by leading campus tours that are open to students, alumni and the general public.

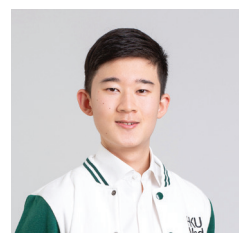


Talk to our
Student Ambassadors



“We all need guidance at some point in our lives, and serving as a Student Ambassador connects me closely with our prospective students, where I could share my insights on studying medicine whilst helping them with challenges in life. This not only enriches their journey towards medicine, but also adds meaning to mine.”

Allan Chu
MBBS Year III and Student Ambassador



Scholarships and Prizes

Scholarships and prizes are awarded to students as a reward for outstanding academic achievement, providing students with financial aid for covering cost of tuition, accommodation, enrichment activity and/or other expenses in university life. Students with financial difficulties are supported to pursue their studies and expand their ambitions.

All of this is made possible with the generous support from a large number of patrons and distinguished graduates.

A total amount of **HK\$22,000,000+** awarded

1400+

Scholarships and Prizes
Awarded in 2020-21

180+

Schemes designated for
HKUMed students in 2020-21

Entrance Scholarships

Upon admission to HKUMed, a wide range of Entrance Scholarships are offered to students with outstanding results in open examinations and to degree holders with excellent academic performance. To promote equal learning opportunities, underprivileged students could be supported by Springboard Scholarships schemes. These schemes are often renewable annually within the normative study period, subject to satisfactory academic performance.

Enrichment Scholarships

Enrichment Scholarships aim to support students' participation in service and humanitarian work, research attachments, exchange programmes or experiential learning activities. The value of scholarship is based on a student's academic merit and financial need. The learning value, duration, location of the activity and other factors will also be taken into account.

Prizes

Every year, a number of prizes are offered to students at HKUMed, in recognition of their academic excellence and community engagement. Prizes are often awarded based on students' exceptional performance in course assignments, essay writings, assessments, competitions, etc.

Financial Aid

Students in need of financial assistance to help cover the costs of their university education will find a number of options available to them. The University offers loans and bursaries for needy students supplemental to the Government Loans and Grants, while HKUMed provides emergency loans to students under special circumstances.



“The Scholarship means so much to me, both physically and mentally. Through this award, my academic merits, financial needs and heart for serving the community are registered and acknowledged.”

Li Yan Kiu - MBBS
S.K. Yee Medical Foundation David Todd
Memorial Enrichment Scholarship

“This Scholarship lightens the financial burden of my family, and is a recognition of my work as a medical student in the past academic year. It encourages me to embrace current and future challenges and makes me believe that I will eventually succeed.”

Lee Wing Yiu (right) - MBBS
Leong Che-Hung Medical and Research
Enrichment Scholarship



“I can feel the warmth and support from the society. The Scholarship helps me, an anonymous student, in repaying my loan and strengthening my heart of helping others with all my mighty.”

Wei Qi (second row from right) – MBBS
Loke Yew Medical Springboard Scholarship

“For the past 18 years, my parents have worked tirelessly to provide me with the best opportunities possible for my future endeavors and ambitions. I recognize that has been a great burden on them, and as such, I am so thankful that this Scholarship now allows me to relieve some of the burden that my family has taken on.”

Cherry But (second row from right) – BASc(GHD)
Bachelor of Arts and Sciences in Global Health and Development Entrance Scholarship



“This scholarship plays a big role in helping me get closer to my goal as it allows me access to numerous learning opportunities provided by the university, including but not limited to exchange and service programmes, from which I can become an all-rounded student.”

Pavneet Kaur (bottom row second from left) – BNurs
Academic Elite Scholarship in Nursing

“I am utterly grateful that the Foundation recognises my enthusiasm in research through this essay and is empowering the idea that medical students can produce promising research outputs which change science.”

Fong Chun Wah (second from left) - MBBS
Sun Chieh Yeh Heart Foundation Best Paper Prize



“Hall education provides a platform for us to step out of our comfort zone. This Residential Scholarship allows me to experience a fruitful and fulfilling hall life and gave me an opportunity to meet new friends in the University.”

Lee Kwan Ho (left) - MBBS
Leung Tong Leung Au Sue Har
Residential Scholarship

Application for Admissions

If you are a Secondary 6 student in a local school, or if you are currently not a student in any secondary school but wish to apply for admissions on the strength of your Hong Kong Diploma of Secondary Education (HKDSE) results, you should apply through the Joint University Programmes Admissions System (JUPAS). Please refer to the JUPAS Guide for details. Other candidates should contact the Admissions Office of the Registry of the University for the necessary information concerning admissions and submit an application on-line at the following website: www.admissions.hku.hk.

For enquiry, please contact the Registry using the 'Contact Us' page on the website or by writing to:

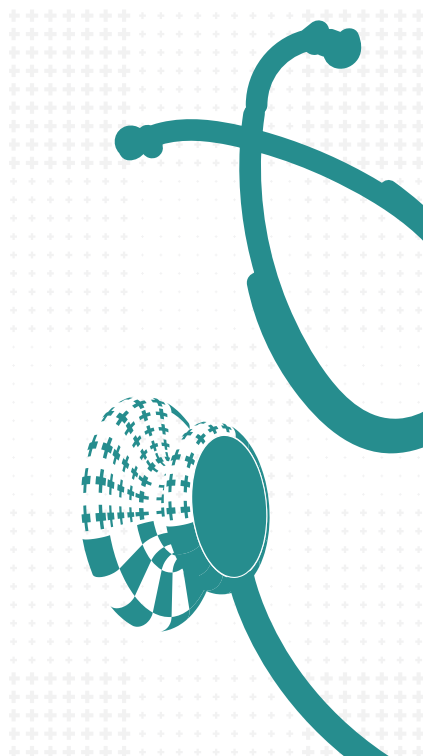
Admissions Office

MG14, Ground Floor, Main Building
The University of Hong Kong
Pokfulam, Hong Kong



Requirements for JUPAS Candidates

From 2022 onwards, the result of the Mathematics Extended Part (Modules 1 and 2) will be recognised as equivalent to that of a full elective.



Bachelor of Medicine and Bachelor of Surgery (JS6456)

Selection for admissions is primarily based on academic merits at the HKDSE (or equivalent), but other factors will also be considered, e.g. performance in interviews and principal's nomination. In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	4
Chinese	3
Mathematics	2
Liberal Studies	2

b) attain at least level 3 in two electives, one of which must be:

- (i) Chemistry or
- (ii) Combined Science with Chemistry as one of the components

The best 6 subjects of HKDSE will be taken into consideration for admissions.

Bachelor of Chinese Medicine (JS6482)

In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

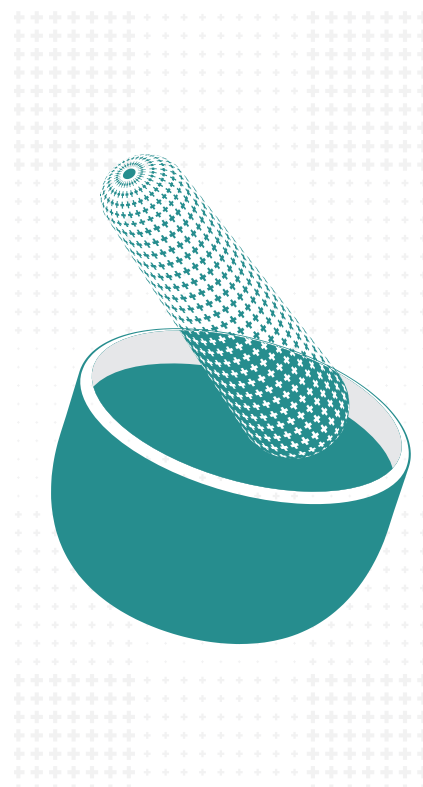
a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	3
Chinese	3
Mathematics	2
Liberal Studies	2

b) attain at least level 3 in two electives, one of which must be:

- (i) Biology or
- (ii) Chemistry or
- (iii) Physics or
- (iv) Combined Science or
- (v) Integrated Science

The best 5 subjects of HKDSE will be taken into consideration for admissions.



Bachelor of Nursing (JS6468)

In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	3
Chinese	3
Mathematics	2
Liberal Studies	2

b) attain at least level 3 in two electives

The best 5 subjects of HKDSE will be taken into consideration for admissions.

Bachelor of Nursing - Advanced Leadership Track (JS6418)

In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

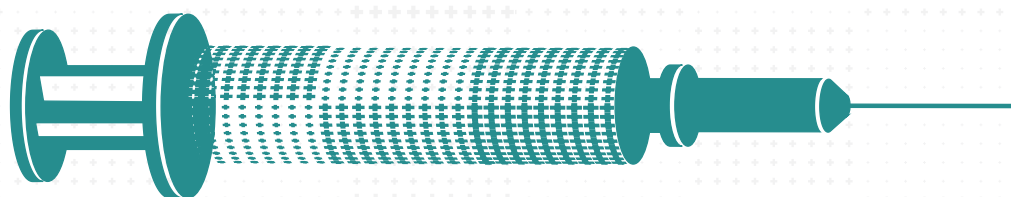
a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	3
Chinese	3
Mathematics	2
Liberal Studies	2

b) attain at least level 3 in two electives

The best 5 subjects of HKDSE will be taken into consideration for admissions.

* Chemistry of Combined Science with Chemistry component is required for the articulation pathway to MBBS.





Bachelor of Pharmacy (JS6494)

Selection for admissions is primarily based on academic performance in HKDSE (or equivalent), but other factors will also be considered, e.g. performance in interviews and principal's nomination. In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	4
Chinese	3
Mathematics	2
Liberal Studies	2

b) attain at least level 3 in two electives, one of which must be:

- (i) Chemistry or
- (ii) Combined Science with Chemistry as one of the components

The best 6 subjects of HKDSE will be taken into consideration for admissions.

Bachelor of Arts and Sciences in Global Health and Development (JS6250)

In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	5
Chinese	3
Mathematics	2
Liberal Studies	2

b) attain at least level 3 in two electives

The best 5 subjects of HKDSE, will be taken into consideration for admissions.

* Candidates with Level 4 in English Language and good results in other HKDSE subjects will be exceptionally considered on a case-by-case basis.



Bachelor of Biomedical Sciences (JS6949)

In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	4
Chinese	3
Mathematics	2
Liberal Studies	2

b) attain at least level 3 in two electives, one of which must be:

- (i) Biology or
- (ii) Chemistry or
- (iii) Combined Science with Biology as one of the components or
- (iv) Combined Science with Chemistry as one of the components

The best 6 subjects of HKDSE will be taken into consideration for admissions.



Bachelor of Science in Bioinformatics (JS6470)

In addition to satisfying the University entrance requirements, candidates for admissions shall satisfy all of the following requirements in HKDSE:

a) achieve the level of performance in the four core subjects as below:

Subject	Level Of Performance
English	4
Chinese	3
Mathematics	4
Liberal Studies	2

b) attain at least level 3 in two electives, one of which must be:

- (i) Biology or
- (ii) Chemistry or
- (iii) Combined Science with Biology as one of the components or
- (iv) Combined Science with Chemistry as one of the components

The best 6 subjects of HKDSE will be taken into consideration for admissions.

Requirements for Non-JUPAS Candidates

If you are a local candidate who is applying for admissions on the strength of qualifications other than the Hong Kong Diploma of Secondary Education (HKDSE), you should apply through the Non-JUPAS Admissions Scheme. “Local candidate” means that you DO NOT require a student visa/entry permit to study in Hong Kong. For example, you may be studying:

- overseas;
- at an international school or at a local school in Hong Kong but you are taking a non-local (e.g. International Baccalaureate Diploma or GCE A-level) examination either through your school or as a private candidate. According to an agreement reached between ALL Hong Kong universities and the government, if you are a local school applicant, you must have completed at least six years of secondary education when you enter the university;
- on a sub-degree (i.e. Associate Degree or Higher Diploma) programme at a Community College of a UGC-funded institution or at the Hong Kong Institute of Vocational Education (HKIVE);
- a full-time bachelor's degree programme in a local tertiary institution funded by the UGC. Please note however that following UGC's guidelines, inter-institutional transfer, irrespective of whether there is a change of programme or discipline, is generally discouraged, unless there are exceptional circumstances and the following conditions are met:
 - you have successfully completed one year of study on a bachelor's degree programme with excellent academic results; and
 - your application for inter-institutional transfer has been specially approved by the University on the basis of over-enrollment.

If you are a non-local candidate, you should also apply through the Non-JUPAS Admissions Scheme. The Faculty accepts applications from eligible non-local students. Competition for places is keen among local students, so non-local candidates must be exceptionally well qualified to gain admissions.

All applicants for the MBBS, BPharm, BNurs, and BChinMed programmes, both local and non-local, are required to have a good working knowledge of English and Cantonese.

Non-JUPAS candidates may be shortlisted on the basis of individual merits as shown by their academic record and other non-academic achievements for interview. The interviews are designed to assess your suitability for the programmes, including your motivation, attitude, leadership and general social awareness. Interviews will usually be conducted during the Christmas and Easter Holidays and/or in June/July/August. After the interview, offers of admissions will be made to candidates who have already satisfied the entrance requirements. Based on the interview performance and the academic results available, conditional offers may also be extended to some non-JUPAS candidates who have entered for an examination or examinations with a view to satisfying the entrance requirements by August. The offers are conditional upon their obtaining of the necessary examination results for submission to the University.

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