Undergraduate Prospectus

- Medicine and Surgery
- Nursing
- Chinese Medicine
- Pharmacy
- Biomedical Sciences

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Welcome to HKU’s Li Ka Shing Faculty of Medicine!

Our Faculty has a century-old reputation for recruiting, training and graduating the best and brightest students. Our alumni are leaders of Hong Kong and around the globe; amongst whom we count five government ministers, two deputy ministers, four directors of Health, two chairmen and two chief executives of the Hospital Authority, two university presidents, and many, many professors and consultants of world renown.

It is true: we produce the best, but don’t take that to mean we are elitist. Education is one of the most powerful social equalizers, and arguably more than any other, the Faculty of Medicine should have a student body that reflects the full breadth of society. We train the whole spectrum of health care professionals who take all that they have learned out into the service of society. If you have a passion to serve your community, desire to make the maximum use of your talents and aspire to a meaningful career, we want to hear from you.

Along the way, we offer you a highly rewarding and enjoyable university life. Our current students will tell you that we demand a lot of them. They face challenges, and at times hardships, but we nurture them, make it clear to them that they have the latitude to err, to stumble, and to dream big. We encourage them to adopt a work hard-play hard attitude, and last but not least, have as much fun as possible.

We are very privileged to have under the same faculty five undergraduate programmes of which four are professions: medicine, Chinese medicine, pharmacy and nursing, as well as a cutting-edge biomedical sciences programme through the introduction of two new minor options to meet the enormous worldwide demand for biomedical scientists and healthcare professionals with a focus on translational medicine. This combination offers our students a unique opportunity to mix and collaborate with other health professionals, just as they will in their future careers when they will frequently work in interdisciplinary teams. In our Faculty, it is natural, for example, for medicine and pharmacy students to attend PBL tutorials together, and for medicine and nursing students to sit down together to discuss a case study, or to collaborate on projects involving joint contact with real patients and their families, etc.

Hong Kong is a vibrant, exciting and diverse city in which to study, but we understand that sometimes our students want more, or something that Hong Kong cannot offer. These students are fully supported through their elective subjects, or a whole Year 3 Enrichment Year for MBBS students, to pursue any academic aspirations - medical or otherwise - that can be explored outside the Faculty or abroad. We provide the opportunity to study at an overseas institution in any discipline, and we are constantly exploring opportunities to give our students the flexibility and scope to steer their education in the direction that they want to go in. As a student in the Faculty of Medicine, we encourage you to be the captain of your own dreams.

Come and take a look for yourself. Explore what we have to offer at HKU. We welcome you, we know what a wonderful university life we can provide and we are excited to tell you all about it.

See you around campus!

Professor Gabriel M Leung
Dean
Li Ka Shing Faculty of Medicine
The University of Hong Kong

1 HKU Li Ka Shing Faculty of Medicine
2 Undergraduate Prospectus
Faculty’s Firsts

1955
Pioneered anterior approach for surgical treatment of spinal tuberculosis, known as the "Hong Kong Operation"

1959
First transoral approach performed for the surgical treatment of upper cervical spine dislocations and tuberculosis in the world

1964
First Pharyngo-Laryngo-Oesophagectomy in the world; First open-heart surgery in Hong Kong

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

1995
First emergency adult-to-adult left lobe living donor liver transplant in the world

1996
First lung transplant in Hong Kong

1999
First baby in Hong Kong conceived through intracytoplasmic sperm injection was delivered

2000
First in the world to conduct an adult-to-adult right lobe living donor liver transplant

2001
First intervertebral disc transplant in humans in the world

2003
First to discover the SARS coronavirus

2004
First to identify the source of SARS coronavirus infection

2005
First to characterize the epidemiology of SARS coronavirus

2006
The First domino liver transplant in Hong Kong

2007
First to identify the natural reservoir of SARS coronavirus

2009
First in the world to develop and launch a publicly accessible index (Aeradio/Environmental index) with hourly estimation of air pollution impact on adverse health outcomes and economic costs

2010
First remotely controlled expandable device implantation surgery to treat children with scoliosis in the world

2011
First dual thoracic spinal cord stimulation for heart failure in the world

2012
First extra-cranial intravascular cranial vascular bypass and craniofacial resection for locally advanced recurrent nasopharyngeal carcinoma in the world

2013
First in the world to describe a model of coronavirus evolution, based on the 23 novel human and animal coronaviruses discovered over 10 years

2014
First subcutaneous implantable cardioverter defibrillator in Asia

2016
First live birth by assisted reproduction with preimplantation genetic screening (PGS) using next generation sequencing for couples having chromosomal error in Hong Kong
The Medical Faculty of The University of Hong Kong is the longest established faculty in the tertiary education of Hong Kong. Created out of the Hong Kong College of Medicine, which was founded in 1887 as the Hong Kong College of Medicine for Chinese, the Faculty was accorded the position of premier faculty when the University opened in 1912. For 130 years, the Faculty and its predecessors have been fostering the development of Western medicine and biomedical science in the East and playing a pioneering role in medical education and training. A faithful chronicle would be necessary to pay tribute to the many great men and women and the generous benefactors who helped to shape and build this Faculty, and the list would inevitably begin with Dr. Sun Yat Sen, who was one of the first two graduates in 1893 of the Hong Kong College of Medicine for Chinese.

Hong Kong is almost totally dependent on local medical graduates for its health care services. Until the establishment of the second medical school in 1961, our Faculty had been the only institute providing medical graduates in Hong Kong. Today, the standard of health of the people of Hong Kong is comparable to any developed country in the world. This is, to a large measure, due to the efforts of our graduates made in a century.

From its modest beginning with only a few candidates, the annual enrollment of undergraduate students now stands at about 300 for its five full-time programmes of Bachelor of Medicine & Bachelor of Surgery (MBBS), Bachelor of Nursing (BNurs), Bachelor of Chinese Medicine (BChinMed), Bachelor of Pharmacy (BPharm) and Bachelor of Biomedical Sciences (BScmenSci). Teaching is well-supported by more than 380 full-time teaching staff coming from the 13 departments and four schools of the Faculty. The 13 departments are Anaesthesiology, Clinical Oncology, Diagnostic Radiology, Family Medicine and Primary Care, Medicine, Microbiology, Obstetrics and Gynaecology, Ophthalmology, Orthopaedics and Traumatology, Paediatrics and Adolescent Medicine, Pathology, Pharmacology and Pharmacy, Psychiatry, and Surgery, and the four schools are School of Biomedical Sciences, School of Chinese Medicine, School of Nursing, and School of Public Health. Our teaching is also assisted by about 2,000 honorary teachers, most of whom are doctors in public hospitals or private practitioners.

The Faculty has emerged as a leader in medical and healthcare education in Asia. In 1997, we took the lead to reform our MBBS programme and we are the first medical school in Asia that adopts a system-based curriculum using student-centred and problem-based learning approach, an approach that has been serving very well our dual aims of equipping students with skills and knowledge, and helping them to develop into humane and ethical healthcare professionals. Our curriculum has set a standard for the region, with other disciplines and institutions following our lead.

The educational reform in 2012 has brought in new insights in the restructuring of our undergraduate programmes. The "extra-year" is being used to expose students to disciplines and areas of study outside their own professional core and to allow greater flexibility for them to engage in enriching learning experience through overseas exchange. In 2016, an "Enrichment Year" is Year 3 of the medical curriculum has been introduced to push medical and health sciences education to new frontiers, whereby students may opt to pursue an additional degree, broadening coursework or experiential learning at HKU as well as outside of Hong Kong at leading institutions and settings worldwide.

The Faculty of Medicine has consistently obtained the largest number of awards and amount of grants in the annual General Research Fund exercise of the Hong Kong Research Grants Council, competing with any other faculties in all tertiary education institutions in Hong Kong. 53 of our academic staff are listed as ‘Top 1% scientists of the World by Essential Science Indicators’ (ESI). The Faculty has four State Key Laboratories and is the research base of three Areas of Excellence and nine Theme-based Research Projects.
Programme Aims and Themes

The goal of the MBS curriculum is to produce doctors who are competent in the understanding and delivery of effective, humane and ethical medical care, committed to lifelong learning, and ready to proceed to postgraduate training.

The content and the mode of delivery are designed to manifest the following four themes of the curriculum:

- 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

Programme Structure

The MBS curriculum lasts for 12 semesters spreading over six years. It is made up of six building blocks:

- Introduction to the Art and Science of Medicine
- System-Based Blocks
- Enrichment Year
- Clinical Foundation Block
- Clinical Clerkships
- Elective

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

The Introduction to the Art and Science of Medicine is offered in the first semester of Year 1 as a bridge between school and university during which students learn to become familiar with the educational methods and philosophy of the medical curriculum. This module is built upon four major areas as illustrated below:

- “Introduction to Health Sciences” is designed to strengthen students’ foundation in basic and health sciences.
- “Mechanisms of Diseases” give an overview of the processes of diseases and introduce the therapeutic strategies for modulating disease processes.
- “Health and the Local/Global Community” and “Medical Ethics and Humanities: The Foundations” enable students to develop an understanding of the ethical and economic implications of modern medical care, medical humanities and professionalism, as well as the importance of an approach to patient care that is based on sound scientific evidence.

Students acquire the basic skills of self-directed learning through the study of health care cases. They also have their first exposure to clinical skills, and through community visits, they learn about the care of patients in a social and economic context.

System-Based Blocks (47 weeks)

In the second semester of Year 1 and the entire Year 2 (Seminars 2-4), six system-based blocks are covered in the following sequence:

Semester 2: Cardiovascular and Renal Systems
Semester 3-4: Gastrointestinal System
Musculoskeletal System
Head, Neck and Nervous System
Haematology/Immunology System
Endocrine and Reproductive Systems
Programmes Offered by the Faculty

Enrichment Year (30 weeks)

The whole third year (Semesters 5-6) is a personalized Enrichment Year. Students will be required to plan and undertake their individually tailored enrichment activities, which may include, but not limited to, courses offered by the Faculty and other Faculties, research internship locally or internationally at world-renowned laboratories, global exchange study, pursuing an intercalated programme for an additional degree, take part in humanitarian relief missions and/or other forms of self-initiated experiential learning activities approved by the Faculty.

Earlier in 2016, the University has set out an explicit goal to become the “Asia’s Global University” in “HKU: The Next Decade – Our Vision for 2016-2025” under the vision of [3+1] “To”, viz. “Internationalisation”, “Innovation”, “Interdisciplinarity” converging to create “Impact”. It is also a stated objective of the University to commit itself to open up more in-depth and meaningful opportunities for students to learn beyond Hong Kong. The aim of the Enrichment Year is to enhance and enrich students’ total learning experience. Examples of learning activities along the University’s visionary “To” are:

**Internationalisation**
- Overseas exchange studies
- Humanitarian work overseas
- Voluntary service programmes outside Hong Kong, etc.

**Innovation**
- Research internship locally or internationally
- Self-initiated attachment to world-renowned laboratories and clinical facilities to participate in research activities

**Interdisciplinarity**
- Common Core courses offered by the University
- Inter-faculty electives offered by other Faculties of HKU
- Intra-faculty electives from the programmes of BPharm, BBlomedSc, BChimMed, BNurs and/or BSc(Exercise & Health)
- “Medical Scholars Programme” to read for an intercalated Master programme

During the clerkship phases, students are directly involved in the day-to-day care of patients. They are expected to understand the basic concepts that underlie their patients’ problems and apply the knowledge they have gained in earlier parts of the curriculum. Much emphasis is put on the clinical aspects of care in diagnosis, treatment and patient management. Students undergo clerkship rotations in the following clinical disciplines at Queen Mary Hospital and many other hospitals as well as in ambulatory care and community-based primary care settings: 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. They learn to apply their clinical and clinical interpersonal skills in an increasingly sophisticated fashion.

Clinical Foundation Block (10 weeks)

The Clinical Foundation Block lasts for ten weeks during Semester 7 in Year 4. The block enables students to integrate and consolidate the knowledge they have acquired during the system-based blocks and prepare them for the clinical clerkships. Following a “life-cycle” approach, students study a series of clinical cases that are concerned with some of the most significant health care problems in Hong Kong. Clinical and clinical interpersonal skills are also integrated to a level that allows students to participate fully in the subsequent clinical clerkships.

Clinical Clerkships (100 weeks)

The clinical clerkships begin in the middle of Semester 7 in Year 4 and continue through Semesters 8, 9, 10 and 11, i.e., until the first half of Year 6. Students progress through the three phases of Junior Clerkship (27 weeks), Senior Clerkship (24 weeks), and Specialty Clerkship (49 weeks).

Electives (4 weeks)

The Elective is offered after the Final Examination in Year 6 (Semester 12). During the period, students can explore areas of individual interest by means of either clinical attachment or laboratory/clinical research.
Programme Characteristics

Student-centred Learning

Problem-based Learning (PBL) approach is adopted to facilitate “student-directed learning”. It allows students to learn medicine as they attempt to deal with real-life medical situations, while at the same time they “learn how to learn” – a generic and transferable skill for lifelong learning.

Early Clinical Exposure and Structured Acquisition of Clinical Interpersonal Skills

The curriculum emphasizes strongly on the learning of skills that are necessary for effective and humane care of patients, i.e. clinical interpersonal skills and clinical skills such as physical examination skills, procedural skills and laboratory skills. Students start learning these skills as early as the first semester of Year 1 and acquire them step by step, with a gradual increase in the degree of mastery and in the complexity of the situations presented, assisted by a well-developed clinical skills e-platform. They practise skills on models and on each other in the well-equipped Clinical Skills Training Centre before using them on patients.

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

Students have ample opportunities to receive clinical training in both public and private hospitals and in a wide range of community clinics and primary care settings. Apart from gaining comprehensive learning experience in patient management, they are able to appreciate effective use of health care resources and the importance of effective integration between primary and secondary care.

Focus on Medical Ethics and Humanities

The Faculty acknowledges the importance of incorporating ethical principles and humanitarian values in the training of the new generation of doctors. Students learn about the ethical principles and values that underpin the health care practice, as well as their professional and legal obligations. The medical ethics and the medical humanities teaching programmes intersect in the key aim of furthering medical professionalism - a quality essential to the provision of quality patient care.

International Exposure

Students are offered opportunities to participate in overseas exchange at different stages of their study. Many of the exchange arrangements are made with top class universities (e.g. Oxford, Cambridge, Yale, Harvard and member institutions of Universitas 21 and the East West Alliance) with structured programmes to enrich the professional training, research experience and liberal learning of students. Each MBBS student will be encouraged to undergo at least one overseas exchange during the whole period of study, for which travel sponsorships or scholarships may be provided.

Practice of Scientific Research

The University puts strong emphasis on promoting undergraduate research which is conducive to enhance students’ intellectual and analytical skills. Medical students undertake Health Research Projects in groups which led to the production of papers in the format of a scientific journal. With the introduction of the Electives/Enrichment Year, students can engage in clinic-based or laboratory-based research, either by participating in the research team of Faculty staff members or drawing up his/her own proposal under the supervision of a teacher.

MBBS Curriculum Structure

1. Introduction to the Art and Science of Medicine (Block I) (9 credits)
2. Early Formative Examination
3. Common Core Course (9 credits)
4. Common Core Course (12 credits)
5. Enrichment Year
6. Third Summative Assessment
7. Fourth Summative Assessment
8. Fifth Summative Assessment
9. Sixth Summative Assessment
10. MBBS Elective
11. Enhanced Peership Block

The University of Hong Kong is the convener of the East West Alliance. Other members include: University of Alberta, University of California, Berkeley, University of California, San Francisco, University of Cambridge, The Chinese University of Hong Kong, University Medical Center Grazingen, University of Maastricht, University of Oxford, Shantou University, Stanford School of Medicine, St Michael’s Hospital of University of Toronto and Technion Israel Institute of Technology.
Medical Scholars Programme

‘Future Med - different pathways nurturing the next generation of clinician-scientists’

For medical students who are academically promising and are interested in pursuing biomedical research, the Faculty will offer them the opportunity to register in a special Medical Scholars Programme which will allow them to pursue research under the joint supervision of local Faculties and/or scholars from overseas partner universities. Students’ engagement in research can take the form of (i) enrolment in the intercalated Master of Research in Medicine or (ii) enrolment in the intercalated PhD, with the possibility of earning a joint PhD degree awarded by HKU and a partner university. The programme grooms clinician-scientists who will have a unique perspective when engaging in basic and applied research methodologies in the investigation of biomedical problems. It also prepares them for translational research which brings scientific innovations into clinical practice and for career development as academic clinicians.

MBBS/Master of Research in Medicine (MBBS/MRes[Med])

Students who have successfully completed Year 2 of the 6-year MBBS curriculum may apply for enrolment in a 3-year intercalated research training programme leading to the additional degree of Master of Research in Medicine (MRes[Med]) during the enrichment year. After completing the MRes[Med] training programme, students will continue with Year 4 of the MBBS curriculum. They will be awarded the MRes[Med] degree along with the MBBS degrees upon satisfactory completion of the sixth year curriculum of the MBBS programme.

The MRes[Med] involves a minimum of 69 credits of work comprising 21 credits of coursework (1 compulsory and 6 elective courses) and 48 credits of hands-on research training. Students are required to produce a dissertation of no more than 20,000 words at the end of the programme.

MBBS/Doctor of Philosophy (MBBS/PhD)

The MBBS/PhD is a full-time combined programme that extends over not less than eight years leading to the award of the degrees of MBBS and PhD upon graduation. The framework is two years of MBBS studies followed by three or four years of PhD and three more years of MBBS thereafter. An MBBS student of this Faculty who has completed the MBBS First and Second Summative Examinations with good results may apply for enrolment in the PhD. The candidate shall register for a 3-year or 4-year PhD programme, as determined by his/her level of academic attainment prior to admission to MBBS. The candidate shall engage in full-time research under the supervision of a teacher of the Faculty, undertake coursework as prescribed by the Graduate School and the Faculty and may opt to attend clinical studies sessions for their clinical interest. After having submitted the PhD thesis in the last year of PhD study, the candidate shall reenter Year 4 of the MBBS programme and follow the fourth, fifth and sixth years of the curriculum as prescribed in the regulations and syllabuses for the degrees of MBBS.

An MBBS student who is undertaking the intercalated Master of Research in Medicine (MRes[Med]) programme may apply for transfer of candidature to that of the MBBS/PhD programme. The period of MRes[Med] study shall be counted towards the probationary period for his/her PhD study.

Croucher Foundation Scholarships will be awarded to a maximum of two MBBS/PhD students each year to support the full fee of study for three years. The Faculty has established an international network for research collaborations and MBBS/PhD students may be arranged to receive training at internationally renowned institutions overseas. The Faculty has also reached agreements with King’s College London, UK, for a Joint-PhD degree programme and with University of Toronto for joint placement of PhD students.

Professional Recognition and Career Prospects

The degrees of Bachelor of Medicine and Bachelor of Surgery are recognised as registrable primary qualification by the Medical Council of Hong Kong.

After having obtained the MBBS degrees from The University of Hong Kong, all medical graduates are required to undergo one year of internship in a public hospital before they can practise as licensed doctors in the territory. The internship consists of rotations through the major medical specialties.

During this year, the intern will have hands-on exposure to clinical medicine while receiving close supervision and teaching from experienced doctors.

Completion of the basic medical training opens the door to a multitude of career options in medicine. To be a specialist, the medical graduate should be prepared for more years of postgraduate training and taking more examinations. The opportunity to do so is by participation in the postgraduate and specialist training through the Hong Kong Academy of Medicine, different academic colleges and the various learned societies.

Our graduates make up a heterogeneous group of doctors, many of whom are now in leading positions in different fields. Some will decide to serve the community as public hospital doctors. Many others will opt to run their own clinics as private practitioners. Others who love clinical teaching and research will pursue an academic career either in Hong Kong or overseas as university doctors, with many becoming world-renowned clinical experts and scientists. Some of our graduates will also become health administrators involved in policymaking and health care planning for our community. A few others will build a nonmedical career such as law, business, or pharmaceutical development on top of their basic medical training.

Enquiries
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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 produce generic nurses who will be able to work as competent practitioners in various health care 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 practised in Hong Kong.

The degree programme emphasizes the integration of theories and practice. Students are exposed to a variety of clinical environments throughout the programme. Experiential 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.

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. The main areas covered are Nursing Core Courses, Nursing Care of Specialized Populations, Theoretical Foundations for Nursing Practice, Foundations in Nursing Research, Nursing Electives, Nursing Practice, Life Sciences and Behavioural Sciences. This curriculum structure allows maximum longitudinal and lateral correlation between courses. The teaching and learning strategies facilitate integration of theoretical knowledge, and the application of learning to nursing practice.

There are a total of 45 courses running throughout five years. Among these courses, 28 belong to core courses and 7 are practicum courses which aim at preparing students to be competent practitioners. There are also 1 nursing elective course, 3 language courses and 6 common core courses. Altogether they constitute 300 credits in the entire curriculum.

<table>
<thead>
<tr>
<th>Field of study</th>
<th>Year I</th>
<th>Year II</th>
<th>Year III</th>
<th>Year IV</th>
<th>Year V</th>
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<tr>
<td>Basic / Medical and Surgical Nursing</td>
<td>18</td>
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</table>

**Total:** 60 60 60 60 60
Programmes Offered by the Faculty

Modes of Learning

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

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

Clinical Practicum

The programme emphasizes on clinical practice. Students have the opportunity to learn and practise 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.

Overseas Exchange Opportunities

The programme is designed to nurture nursing leaders with an international outlook. Students are provided with sponsorships to participate in overseas exchange programmes in top overseas Universities, such as University of Pennsylvania and Case Western Reserve University, for 2 - 4 weeks.
BNurs Curriculum Structure

**Year 1: 60 credits**
- Common Core Courses (12 credits)
- Core University English (6 credits)
- Nursing Foundations (6 credits)
- Foundation of Life Science (6 credits)

Exam: Common Core Courses (12 credits)
Chinese Language course (6 credits)
Health Promotion and Education (6 credits)
Health Assessment (6 credits)

**Year 2: 60 credits**
- Common Core Courses (6 credits)
- Academic Communication course (6 credits)
- Introduction to Clinical Nursing (6 credits)
- Life Science I (6 credits)
- Behavioural Sciences I (6 credits)

Exam: Common Core Courses (6 credits)
Nursing Care of the Adult I (6 credits)
Life Science II (6 credits)
Behavioural Sciences II (6 credits)

**Year 3: 60 credits**
- Nursing Care of the Adult II (6 credits)
- Clinical Pharmacology for Nurses (6 credits)
- Life Science III (6 credits)
- Biotechnics & Professional Roles (6 credits)

Exam: Nursing Care of the Adult III (6 credits)
Nursing Theories & Models (6 credits)
Introduction to Chinese Medicine and Nursing (6 credits)

**Year 4: 60 credits**
- Nursing Care of the Children (6 credits)
- Nursing Care of the Childbearing Family (6 credits)
- Introduction to Nursing Research (6 credits)
- Gerontological Nursing (6 credits)

Exam: Mental Health Nursing (6 credits)
Statistics (6 credits)
Community & Global Health Nursing (6 credits)

**Year 5: 60 credits**
- Advanced Nursing Care of the Adult (6 credits)
- Management & Leadership (6 credits)
- Evidence Based Practice (6 credits)
- Community & Global Health Nursing (6 credits)

Exam: Nursing Practicum II (30 credits)

Remark: The timetable arrangements may vary from year to year.

Professional Recognition and Career Prospects

Graduates from the Bachelor of Nursing degree programme will be able to function independently to assess and appraise the health care 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.

Enquiries
Email: bnfs@hku.hk
Website: http://www.hku.hk/nursing
Phone: (852) 3917-6600
Bachelor of Chinese Medicine (BChinMed)

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 Structure
The BChinMed curriculum is a six-year programme, including the clinical clerkship in Year 6 undertaken in the Mainland. 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 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 4-week junior clerkship at the HKUSZ 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 and other cities in 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.
Programmes Offered by the Faculty

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 trips, Chinese Medicine dispensary practicum, clinical attachments, junior clerkship and clinical clerkship, etc.

Modes 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 students to obtain practical experience at Chinese Medicine dispensary.
### BChinMed Curriculum Structure

#### Year 1

| Exam                                                                 | Chinese Medicine Foundation Course | Biomedical Sciences Course | Core University English | Common Core Course | Exam | CM Clinical Attachment
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<td><strong>Exam</strong></td>
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</tbody>
</table>

**Sep**  **Oct**  **Nov**  **Dec**  **Jan**  **Feb**  **Mar**  **Apr**  **May**  **Jun**  **Jul**  **Aug**

#### Year 2

| Exam                                                                 | Chinese Medicine Foundation Course | Biomedical Sciences Course | Core University English | Common Core Course | Exam | Field Trip & Chinese Medicine Dispensary Practicum
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<td><strong>Exam</strong></td>
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**Sep**  **Oct**  **Nov**  **Dec**  **Jan**  **Feb**  **Mar**  **Apr**  **May**  **Jun**  **Jul**  **Aug**

#### Year 3

<table>
<thead>
<tr>
<th>Exam</th>
<th>Chinese Medicine Classical Texts Course</th>
<th>Biomedical Sciences Course</th>
<th>English for Clinical Clerkship for Chinese Medicine Students</th>
</tr>
</thead>
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**Sep**  **Oct**  **Nov**  **Dec**  **Jan**  **Feb**  **Mar**  **Apr**  **May**  **Jun**  **Jul**  **Aug**

#### Year 4

<table>
<thead>
<tr>
<th>Exam</th>
<th>Chinese Medicine Clinical Course</th>
<th>Biomedical Sciences Course</th>
<th>Clinical Skills Training</th>
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</thead>
<tbody>
<tr>
<td><strong>Exam</strong></td>
<td>Chinese Medicine Clinical Course</td>
<td>Biomedical Sciences Course</td>
<td>Clinical Skills Training</td>
</tr>
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**Sep**  **Oct**  **Nov**  **Dec**  **Jan**  **Feb**  **Mar**  **Apr**  **May**  **Jun**  **Jul**  **Aug**

#### Year 5

<table>
<thead>
<tr>
<th>Exam</th>
<th>Chinese Medicine Foundation Course</th>
<th>Biomedical Sciences Course</th>
<th>CM Clinical Attachment Bedside Teaching for “Fundamental of Diagnosis”</th>
</tr>
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**Sep**  **Oct**  **Nov**  **Dec**  **Jan**  **Feb**  **Mar**  **Apr**  **May**  **Jun**  **Jul**  **Aug-Sep**

#### Year 6

<table>
<thead>
<tr>
<th>Exam</th>
<th>Clinical Clerkship in Mainland China &amp; Essay Writing</th>
<th>Licensing Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exam</strong></td>
<td>Clinical Clerkship in Mainland China &amp; Essay Writing</td>
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</tbody>
</table>

**Jun**  **Jul**  **Aug-Sep**

### 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.

### Enquiries

Email: bchinmed@hku.hk  
Website: http://www.scm.hku.hk  
Phone: (852) 3917-6437
Programme Aims and Objectives

The Bachelor of Pharmacy (BPharm) programme aims to produce 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 standards of professional practice.

Programme Structure

It is a four-year programme comprising 252 credit units of courses which includes the following:

- Pharmacy core courses: 186 credits
- Pharmacy electives: 12 credits
- Common core courses: 36 credits
- Language courses: 18 credits

Programme Features

The BPharm programme is developed by taking reference from well-established pharmacy curricula offered by other international universities, international trends in pharmacist training and the specific requirements and demands for the development of pharmacy in Hong Kong. The distinctive elements of the programme include the following:

Clinical Pharmacy

Clinical Pharmacy is the principal practice of pharmacists in developed countries. With the support of Queen Mary Hospital, a major teaching hospital with the largest team of clinical pharmacists in Hong Kong, 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. Trained in a clinical setting, graduates of this programme are allowed to actively participate in drug treatment and learn to provide expert service in safe, effective and rational use of drugs.

Community-based Training

Students are adequately prepared to provide expert service at the community level. The biggest community pharmacy chain stores in Hong Kong are committed to train more high quality pharmacists for the community and they provide placement openings for students of the programme.
Programmes Offered by the Faculty

Exposure to Chinese Medicine as well as Complementary and Alternative Medicine

It is important to equip future pharmacists who practice in Hong Kong with the knowledge of Chinese Medicine as well as Complementary and Alternative Medicines (CAM). These include herbal medicines, nutraceuticals, health care products, cosmetics, etc. which are commonly used by many patients in conjunction with Western medicines.

Overseas Exposure and Training

All our pharmacy students will have the opportunity to participate in an international exchange programme. Strong links have been established with pharmacy departments of different universities and hospitals around the world, including University College London (UK), King’s College London (UK), Rouen University (France), The University of Sydney (Australia), Sojo University (Japan), The University of Illinois at Chicago (USA) and many others.

The exchange programme offers students a unique educational and cultural experience in addition to further pharmaceutical knowledge. It helps broaden students’ understanding of pharmaceutical and social conditions in different countries, and includes pharmacy education through facilitating students to undertake international professional experiences in research, hospital or community pharmacy. The experience will enable students to compare and contrast health care provisions between the visited countries and Hong Kong, and to develop ideas on the future development of the pharmacy profession.

Patient Counseling and Communication Skills

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

Training in Industrial Pharmacy

Students of the programme have the opportunity to experience this subspecialty to meet 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.

Clerkship and Research Project

Each pharmacy student will have a chance to gain working experience in different settings of pharmacy during term time. Students will rotate in hospital pharmacy, community 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 special area of their choices, including pharmacuetics, 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 academic and pharmacy workplace.

New Learning Approaches

Diversified “fit-for-purpose” teaching pedagogies are adopted to manifest the specific features of the curriculum. Problem-based learning (“PBL”) approach is adopted to encourage interdisciplinary inquiry and foster lifelong learning skills, while final year project and clinical attachment provide students with opportunities for capstone experience and experiential learning.
Programmes Offered by the Faculty

Bachelor of Pharmacy (BPharm)

**BPharm Curriculum Structure**

**Year 1** (6 credits each, unless specified otherwise)
- Integrated Course in Basic Sciences: Anatomy, Physiology and Biochemistry
- Anatomy, Physiology and Pathophysiology I
- Pharmacy Practice I
- Evidence-Based Practice
- General Chemistry
- Core University English
- Common Core Courses (24 credits)

**Year 2** (6 credits each, unless specified otherwise)
- Anatomy, Physiology and Pathophysiology II
- Pharmacy Practice II
- Pharmacology and Clinical Pharmacy I
- Physicochemical Principles of Pharmacy
- Physical Chemistry: Principles and Applications in Pharmaceutical Sciences
- Essential Organic Chemistry
- Practical Chinese for Pharmacy Students
- Pharmacology and Clinical Pharmacy II
- English for Clinical Pharmacy
- Common Core Courses (12 credits)

**Year 3** (6 credits each)
- Microbiology and Immunology
- Medicinal Chemistry for Pharmacy Students
- Dosage Form Design
- Advanced Pharmaceutics
- Pharmacology and Clinical Pharmacy III
- Pharmacology and Clinical Pharmacy I/
- Pharmacology and Clinical Pharmacy V
- Advanced Pharmacology
- Principles of Pharmacognosy,
- Herbal Medicines and Nutraceuticals
- Analytical Techniques for Pharmacy Students

**Year 4** (6 credits each, unless specified otherwise)
- Pharmacy Practice III
- Pharmacy Practice IV
- Industrial Drug Development
- Toxicology and Drug Abuse
- Clinical Pharmacy
- Clinical Pharmacology and Advanced Clinical Pharmacy
- Research Methodology and Research Project (12 credits)

**Electives** (6 credits each)
- Molecular Medicine
- Molecular Pharmacology
- Epidemiology and Precision Medicine
- Cosmetic Science
- Chinese Medicine for Pharmacy Students

**Career Prospects for Pharmacy Graduates**

**Academics/Research**
- University/Higher Education Institution
- Research
- Pharmacology
- Safety and Toxicology
- Pharmacogenomics
- Clinical Trials
- Clinical Development
- Regulatory Affairs
- Manufacturing/Supply
- Drug Design
- Drug Discovery
- GMP
- Quality Assurance
- Batch Control
- Batch Production
- Clinical/Preclinical Development
- Medical Information
- Drug Registration
- Clinical Trials
- Product Development
- Manufacturing
- Pharmaceutical Manufacturing

**Pharmaceutical Industry**
- Global Manufacturers
- Modern Pharmaceutical
- Patented Drugs
- Generic Drugs
- Clinical Development
- Medical Information
- Public Health
- Clinical Trials
- Drug Development
- Regulatory Affairs
- Medical Information
- Pharmacovigilance
- Clinical Trials
- Preclinical Development

**Community Pharmacy**
- Community Pharmacy
- Hospital Pharmacy
- Retail Pharmacy
- Public Health
- Primary Care
- Business Management

**Hospitals**
- Hospital Authority
- Private Hospitals
- General Hospitals
- Private Clinics
- Community Health Centres

**Others**
- Community Health
- Veterinary
- Veterinary Pharmacists

**Professional Recognition and Career Prospects**

The Bachelor of Pharmacy programme has been accredited 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. Graduates will join public and private hospitals, healthcare groups, community pharmacies, and pharmaceutical industries as pharmacists. They will also be well prepared for continuous postgraduate training through a taught Master of Clinical Pharmacy programme or to pursue academic pharmacy by research postgraduate study.

Enquiries
Email: bpharm@hku.hk
Website: http://www.pharma.hku.hk/
Phone: (852) 3917-9460 / (852) 3917-9463
Bachelor of Biomedical Sciences (BBiomedSc)

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 healthcare industry.

The 21st century is widely regarded as an age of “biomedicine”. With the backup 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.

Programme Overview

The BBiomedSc curriculum is designed with a good balance of structure and flexibility, allowing students to plan their study straddling sciences and humanities. 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 therapeutic strategies;
- the essential analytical methodologies and the state of the art of 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.
Programmes Offered by the Faculty

Core Courses for Biomedical Sciences Major

The core courses are divided into introductory and advanced levels.

Introductory Courses

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

- Human Biology
- Perspectives in Biochemistry
- Biostatistics
- General Chemistry I / Foundations of Chemistry
- Basic Biomedical Laboratory Techniques

plus any four of the following:

- Introduction to 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

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. 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.

Students are required to complete the following advanced courses:

- Molecular Diagnostics Laboratory
- Final Year 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
- Biochemical Research and Development
- Advanced Exercise Physiology
- Rehabilitation Science

Minor Options and Electives

Students can plan their study with the remaining 16 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 Genetics & Genomics

Example courses:
- Cancer Biology
- Genome Science
- Public Health Genetics

Minor in Kinesiology

Example courses:
- Research Methods in Medicine and Health Sciences
- Advanced Exercise Physiology
- Rehabilitation Science

There are also elective courses offered under the curriculum:
- Emerging Infections
- Molecular Neuroscience
- Advanced Physiological Science

Modes of Learning

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 Research Internship Programme, they can join the research teams of professoriate members of the Faculty in the summer of Year 1, and attach to the research laboratories of top class universities abroad in the summer of Year 2. The Undergraduate Research Fellowship Programme (URFP) of the University supports students in their pursuit of research and development with the provision of scholarships.

Research Opportunities

Year 1 (Summer) 3 weeks + 1 week in 2 laboratories

Year 2 (Summer) 6 weeks in overseas laboratories
Programmes Offered by the Faculty

**BBiomedSc Curriculum Structure**

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<thead>
<tr>
<th>Year</th>
<th>September (Sep)</th>
<th>January (Jan)</th>
<th>April (Apr)</th>
<th>June (Jun)</th>
<th>August (Aug)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Biomedical Core courses (24 credits)</td>
<td>Common Core Curriculum (24 credits)</td>
<td>Summer Research Internship (4R)</td>
<td>Language Enhancement courses (12 credits)</td>
<td></td>
</tr>
<tr>
<td>Year 2</td>
<td>Biomedical Core courses + Electives (42 credits)</td>
<td>Common Core Curriculum (12 credits)</td>
<td>Summer Research Internship (Overseas)</td>
<td>Language Enhancement course (6 credits)</td>
<td></td>
</tr>
<tr>
<td>Year 3</td>
<td>Overseas Exchange Studies (optional) / Electives (60 credits)</td>
<td>(possible articulation pathways)</td>
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<tr>
<td>Year 4</td>
<td>Biomedical Core courses + Electives (48 credits)</td>
<td>Final Year Project (12 credits)</td>
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</table>

**Possible Articulation Pathways**

- **Veterinary Surgeon**
  - + 3 years

- **Physiotherapist**
  - + 1.5 years

- **Diagnostic Radiographer**
  - + 1.5 years

- **Medical Doctor**
  - + 4 years

**Bachelor of Biomedical Sciences** (4 years)

**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.

**Enquiries**
Email: sbms@hku.hk
Website: http://www.sbms.hku.hk
Phone: (852) 3937-9126
**Common Core Curriculum**

The HKU Common Core Curriculum is an essential part of academic induction to facilitate the transition from secondary school to university. It is designed to provide key common learning experience for all HKU students and to broaden their horizons beyond their chosen disciplinary fields of study. It focuses on issues that have been, and continue to be, of deeply profound significance to humankind, the core intellectual skills that all HKU undergraduates should acquire and the core values that they should uphold.

Students of all HKU undergraduate programmes are required to take a total of 6 common core courses (or equivalent), selecting not more than one course from the same Area of Inquiry within one academic year and not more than two courses from the same Area of Inquiry throughout the studies. The Areas of Inquiry are:

- Scientific and Technological Literacy
- Humanities
- Global Issues
- China: Culture, State and Society

Each common core course is of 6 credits, normally covering 36 contact hours in total, with two hours of lecture and one hour of tutorial per week.

**Language Enhancement Courses**

Students are also required to take two courses totaling 12 credits in the English language (6 of which should be in the form of "English in the Discipline") and another course of 6 credits in the Chinese language.

Exemption may be granted to candidates for English/Chinese language enhancement courses, as appropriate.

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**Intercalated MPH Programme**

The Master of Public Health (MPH) Programme offered by the Medical Faculty is a broadly based training programme to prepare healthcare professionals to identify and analyse contemporary health and healthcare issues in Hong Kong, China and the Asia Pacific.

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*Courtesy of photolib@hku.hk*
The Medical Campus

The Faculty of Medicine Building on Sassoon Road is a state-of-the-art architectural piece comprising the William MW Mong Block, the Laboratory Block and a beautiful Fan Pui Garden in between. The building is one of the best-equipped medical education and research centres in the region. The building provides a gross floor area of 48,250m² to accommodate the department of Pharmacology and Pharmacy, and School of Biomedical Sciences, School of Nursing, School of Public Health, Yu Chun Keung Medical Library, and most of the research centres and laboratories including the State Key Laboratories, the Area of Excellence research laboratories and the Hong Kong Jockey Club Clinical Research Centre.

Other facilities of the building include the Cheung Kung Hai Conference Centre comprising four lecture theatres with a total seating capacity of 1,000, seven seminar rooms, an exhibition area, a teleconferencing centre, Suen Chi Sun Clinical Skills Training Centre for medical students, the Clinical Skills Laboratory for nursing students, a mock pharmacy and two teaching laboratories for pharmacy students, a computer-assisted learning laboratory, two virtual reality laboratories, three multi-disciplinary teaching laboratories and Wei Lun Education Centre with more than 25 tutorial rooms.

Opposite to the Faculty of Medicine Building are the Estates Building that houses the School of Chinese Medicine, the Laboratory Animal Unit that supplies animals for teaching and research, and the Pauline Chan Building has been converted into a comprehensive Multi-disciplinary Clinical Skills Training Centre with a total area of about 1,300m². It is the first and only one in Hong Kong that supports multi-disciplinary and cross-professional clinical skills education for medical, nursing, pharmacy and Chinese medicine students.

Queen Mary Hospital & Other Teaching Hospitals

The main teaching hospital for the Faculty is Queen Mary Hospital (QMH) situated on Pokfulam Road just above the Medical Faculty. It is not only the regional hospital for the Hong Kong Island but is also a tertiary referral centre for the whole territory. Most of the major specialties and subspecialties are represented in the Hospital. There are more than 1,500 beds and over 4,800 staff. Most of the clinical departments of the Faculty are located in QMH (Anaesthesiology, Clinical Oncology, Diagnostic Radiology, Medicine, Microbiology, Obstetrics & Gynaecology, Orthopaedics and Traumatology, Paediatrics & Adolescent Medicine, Pathology, Psychiatry and Surgery). It is also home to many lecture theatres, seminar rooms and other teaching facilities.

Other hospitals of the Hospital Authority where teaching is conducted include Grantham Hospital, Kwong Wah Hospital, Tung Wah Hospital, The Duchess of Kent Children’s Hospital, Queen Elizabeth Hospital, Princess Margaret Hospital, Ruttonjee Hospital, Pamela Youde Nethersole Eastern Hospital, Caritas Medical Centre, United Christian Hospital, Alice Ho Miu Ling Nethersole Hospital, Castle Peak Hospital, Fung Yu King Hospital, Kowloon Hospital, Tsan Yuk Hospital, Tuen Mun Hospital, Tuen Mun Hospital, Mother of Hope Hospital and Yan Chai Hospital. The University of Hong Kong - Shenzhen Hospital, The Hong Kong Sanatorium and Hospital and Glenaeagles Hong Kong Hospital are also key partners of the Faculty in teaching, training and research.

Yu Chun Keung Medical Library

Established in 1965, the Yu Chun Keung Medical Library is the largest branch library among all specialist libraries in the University of Hong Kong Libraries. It provides both a pleasant physical environment as well as an information technology-rich virtual environment conducive to holistic study and research.

To support teaching, study and research of the Li Ka Shing Faculty of Medicine, the Yu Chun Keung Medical Library has built up a comprehensive and in-depth collection comprising over 234,000 books and bound volumes, 45,130 e-books, over 8,000 items of audiovisual materials, 324 current print journals, 10,371 e-journals, and 236 electronic databases.

The Library is subscribing to an increasing number of databases, books and journals in electronic format to facilitate access anywhere, anytime. To name a few, major databases include Medline, ASM Journals Online, Best Practice and Global Health, BMJ Journals, Books@Ovid, ClinicalKey, Cochrane Library, Essential Evidence Plus, Karger, Lippincott’s nursing procedures and skills, UWW health library, McGraw Hill Access, Medicine@Complete, Micromedex, ScienceDirect, Springerlink, uCentral, and VisualDx. Our e-resources on Chinese medicine are also rapidly expanding to include Wanfang Med Online (萬方醫學網), Chinese Medical Current Content and Wanfang Med Online Academic conferences database.

The Library is built as a wireless environment to facilitate access to resources via mobile devices. Other facilities in the Library include the Knowledge Navigation Centre equipped with 46 networked computers with internet connection and software packages for learning, class presentation and digital publishing. There are also a computer-assisted learning laboratory for library skill training, multi-purpose group study rooms and AV group viewing rooms for collaborative studying.
Tuition Fees and Scholarships

Tuition and Other Fees

The composition (tuition) fees for the MBBS, BMus, BChInMed, BPharm and BBiomedSc programmes for each academic year is about HK$42,100 (indicative) for local students, and HK$161,000 (indicative) for non-local students.

Financial Aid and Scholarships

There are adequate means of financial assistance to help students to cope with the expenses of university education. More than 40% of our undergraduates receive Government Loans and Grants. In addition, needy students may obtain financial assistance from the University in the form of loans and bursaries to supplement Government Loans and Grants.

Scholarships are available to students of the Faculty to support their tuition fee and boarding allowance to cover hall fees for the entire duration of their study (renewable after first year subject to satisfactory performance) on the basis of academic merits and financial needs.

Entrance and Enrichment Scholarships –

The Scholarships support the most gifted students and provide them with enriching opportunities, and also enable deserving students with limited financial means to pursue their studies and expand their ambitions. The Scholarships will be granted to students of the Faculty to support their participation in experiential learning activities on the basis of demonstrated evidence of voluntary work to serve humanity, academic merit as well as financial needs.

Springboard Scholarships –

The Scholarships manifest the Faculty’s commitment to the promotion of equal learning opportunities among students from different family backgrounds by providing financial support to those who are in need to take part in university-administered/supported learning activities. While candidates’ demonstrated academic calibre will be considered, the Faculty will emphasize on a holistic evaluation of the other qualities such as concerns for human welfare issues, reactions to adversity, the passion to provide humane care for betterment of health, and the resilience to go through a demanding professional career, etc.

Student Facilities

Accommodation

Students may apply to stay in one of the residential halls which are situated either on the main campus, on Pok Fu Lam Road, Lung Wah Street or Sassoon Road. These halls and residential colleges vary in style and character. Most of the study-bedrooms are shared by two students but there are also single rooms. Under Faculty’s management, The Madam S H Ho Residence for Medical Students (RMS) accommodates 165 students in single rooms and Patrick Manson Student Residence (PMSR) accommodates 124 students in shared bedrooms. Medical students undergoing clinical training at Queen Mary Hospital in senior years are required to stay at RMS or PMSR during specific specialty clerkships. These residences allow more medical and nursing students to stay in the vicinity of QMH when they are undergoing clinical training.

Sports

The University has two Sports Centres and two swimming pools offering a full range of physical recreation services. The Sports Centre on Pok Fu Lam Road is equipped with a 25-meter swimming pool, large sports halls, squash courts, flood-lit tennis courts, special rooms for table tennis, martial arts, dance, gymnastics, fitness and weight-training, as well as facilities for archery and fencing. The other Sports Centre, located at Sandy Bay and just a short distance away from the Medical Faculty, is outfitted with playing fields, an athletics track, tennis courts, and Olympic-size swimming pool.

University Health Service

The University Health Service provides high quality primary care medical consultations on campus. Preventive and expensive items are charged at cost. It also provides physiotherapy and a comprehensive dental service at nominal charges. Health education and health promotion activities in the form of individual advice, classes, workshops, exhibitions, web information, posters and pamphlets are organized throughout the year.

Student Organisations

Students’ Union

All undergraduates automatically become members of The Hong Kong University Students’ Union. Through the Students’ Union, students may join clubs and societies for a large range of academic, cultural, religious, social and sporting activities.

Medical Society

The Medical Society is a student body established on 12th January, 1914, affiliated to The University of Hong Kong Students’ Union, serving all undergraduate students of the Medical Faculty within HKU. The Medical Society currently has 7 standing committees, including the Executive Committee, Nursing Society, Chinese Medicine Society, Pharmacy Society, Biomedical Sciences Society, Health Committee and the Caduceus Editorial Board.

Together with other ad hoc committees, such as Health Exhibition Committee, the Society aims at fostering a spirit of comradeship and professional unity amongst its members as well as promoting the well-being of the Medical Faculty of The University of Hong Kong, the local medical education and profession as a whole.

The Society regularly organises a wide spectrum of activities including social events such as Valentine’s Day Flower Delivery, joint university events such as ‘May Ball’, sports competitions, orientation programmes, annual health exhibitions and regular voluntary health services. It also issues annual publication ‘Elkh’ and periodicals ‘ Caduceus’ which provide an effective platform for students’ sharing. All these activities form a unique aspect of our students’ university life.
Application for Admission

If you are a Secondary 5 student in a local school, or if you are currently not a student in any secondary school but wish to apply for admission 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 and Academic Liaison Section of the Registry of the University for the necessary information concerning admission and submit application online at the following website: www.aal.hku.hk. For enquiry, please contact the Registry by email (admissions@hku.hk) or by writing to:

Admissions and Academic Liaison Section
The Registry
G14, Ground Floor, Main Building
The University of Hong Kong
Pok Fu Lam, Hong Kong
Phone: (852) 3943 5665
Fax: (852) 3944 0883

Bachelor of Nursing

In addition to satisfying the University entrance requirements, candidates for admission 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 admission.

Bachelor of Chinese Medicine

In addition to satisfying the University entrance requirements, candidates for admission shall also 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) Chemistry or
  - ii) Combined Science with Chemistry as one of the components

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

Bachelor of Pharmacy

Selection for admission is primarily based on academic performance in HKDSE (or equivalent), but other factors will also be considered, e.g., performance at interviews and principal’s nomination. In addition to satisfying the University entrance requirements, candidates for admission 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 admission.

Bachelor of Biomedical Sciences

In addition to satisfying the University entrance requirements, candidates for admission 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) Combined Science with Biology as one of the components or
  - iii) Combined Science with Chemistry as one of the components

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

Admission Requirements for JUPAS Candidates

Bachelor of Medicine and Bachelor of Surgery

Selection for admission 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 admission 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 admission.
Admission Requirements for Non-JUPAS Candidates

If you are a local candidate who is applying for admission 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 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 (e.g. 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-enrolment.

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 admission.

All applicants for the MBBS, B(Nurs), B(Chin-Med), and BPharm 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 admission 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.