Passion for Knowledge
Devotion to Care

尊醫重學 濟世懷仁
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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 four 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’s 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 the recently introduced biomedical sciences programme. 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 inter-disciplinary teams. In our Faculty, it is natural for medicine and nursing students, for example, to sit down together to discuss a case study, or to collaborate on projects involving joint contact with real patients and their families.

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 to pursue any academic aspirations - medical or otherwise - that can only be explored 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
Milestones

1887 › The Hong Kong College of Medicine for Chinese is formally inaugurated in October with Sir Patrick Manson as its first Dean.

1892 › The first two graduates, including Dr Sun Yat-sen, graduated from the Hong Kong College of Medicine for Chinese.

1907 › The Hong Kong College of Medicine for Chinese is renamed the Hong Kong College of Medicine.

1912 › The University of Hong Kong is formally opened. The Hong Kong College of Medicine is incorporated within the University as its first faculty – the Faculty of Medicine.

1937 › Clinical teaching is transferred to the newly completed Queen Mary Hospital.

1941 › Activities of the University are brought to a halt by the Japanese invasion in December.

1948 › The University is officially reopened and new medical undergraduates are admitted again.

1952 › The first post-war group of 22 students graduate. One outstanding student, David Todd, becomes the graduate to be appointed professor of medicine.

1965 › Li Shu Fan Building on Sassoon Road for the accommodation of preclinical departments is formally opened in April.

1995 › The full-time Bachelor of Nursing programme is introduced.

1997 › The Bachelor of Medicine and Bachelor of Surgery programme is reformed. The Faculty becomes the first medical institute in the region that adopts a system-based medical curriculum using student-centred and problem-based learning approach.

2002 › The Faculty moves into the state-of-the-art complex on Sassoon Road.

2003 › The full-time Bachelor of Chinese Medicine programme is offered by the School of Chinese Medicine.

2005 › The Genome Research Centre is established, a participant of the International Haplotype Mapping Project.

2006 › Premier Wen Jiabao visits the Faculty in June.

2009 › The full-time Bachelor of Pharmacy programme is launched.

2010 › The Faculty ranks No.1 in Asia in the category “Clinical, Pre-Clinical and Health Universities” of the 2010 Times Higher Education World University Rankings.

2011 › The State Key Laboratory of Emerging Infectious Diseases is established.

2012 › Two health-related projects led by the Faculty’s researchers are funded in the first round of the Research Grant Committee’s Theme-based Research Scheme.

2013 › The State Key Laboratory of Pharmaceutical Biotechnology is established.

2014 › The Faculty launches the Bachelor of Biomedical Sciences programme.

2015 › A health-related project led by a Faculty’s researcher is funded in the second round of the Research Grant Committee’s Theme-based Research Scheme.

2016 › Two health-related projects led by Faculty’s members are funded in the fourth round of the Research Grant Committee’s Theme-based Research Scheme.
Development of the Faculty

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 more than 125 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 1892 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 1981, 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 480 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 (BBiomedSc) Teaching, which is well-supported by more than 350 full-time teaching staff coming from the 17 departments and three schools of the Faculty. The 17 departments are

1. Government Civil Hospital in Sai Ying Pun where general clinical teaching took place during the early days of the Faculty before the Queen Mary Hospital opened in 1937
2. School of Anatomy and Physiology
   The Building was demolished in 1977
3. Queen Mary Hospital in 1937
Anaesthesiology, Anatomy, Biochemistry, 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, Physiology, Psychiatry, and Surgery, and the three schools are School of Chinese Medicine, School of Nursing and School of Public Health. Our teaching is also assisted by about 1,800 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.

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 comparing with any other faculties in all tertiary education institutions in Hong Kong. 63 of our academic staff are listed as Top 1% scientists of the World by Essential Science Indicators (ESI). The Faculty has three State Key Laboratories and is the research base of three Areas of Excellence and three Theme-based Research Projects.

The Faculty has consistently been ranked as one of the top 3 in Asia in the category “Clinical, Pre-clinical and Health Universities” of the Times Higher Education World University Rankings, with the highest position achieved as No. 1 in 2010-11.

4. Dr Sun Yat Sen (mid) and students of the University
5. Li Shu Fan Building, housed the basic science departments from 1969-2002
6. New Medical Complex opened in 2002
Programmes Offered by the Faculty

Bachelor of **Medicine** & Bachelor of **Surgery** (MBBS)

**Programme Aims and Themes**
The goal of the MBBS 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 MBBS curriculum lasts for 12 semesters spreading over six years. It is made up of five building blocks:

- Introduction to the Art and Science of Medicine
- System-based Blocks
- Integrated Block
- Clinical Clerkships
- Electives

Introduction to the Art and Science of Medicine (28 weeks)
The Introduction to the Art and Science of Medicine is offered in 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 one-year 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” gives an overview of the processes of diseases and introduces 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.

In the first year, 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 entire Year 2 and the majority of Year 3 (Semester 5 and the first half of Semester 6), nine system-based blocks are covered in the following sequence:

Semester 3  Respiratory System
            Cardiovascular System
            Urogenital System
Semester 4  Gastrointestinal System
            Musculoskeletal System
Semester 5  Central Nervous System
            Head and Neck Block
            Haematology / Immunology System
Semester 6  Endocrine System

Each system block lasts for five weeks. An integrated approach to biological, behavioural and population sciences is adopted. Students study the structures and functions of the organ systems in the context of the patient as an individual and as a member of a wider population group, and learn clinical and clinical interpersonal skills that are linked to the systems. Lectures and laboratory practical sessions give an overview while problem-based cases allow an integrated understanding of the system under study. Learning experience is also enriched by other activities such as clinical visits and project work.

Integrated Block (12 weeks)
The Integrated Block consists of two parts. The first part takes up the remaining four weeks in Semester 6 in Year 3, while the second part occupies the first eight weeks of 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 (99 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 (48 weeks).

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, Community Medicine, 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.

Electives (16 weeks)
The Electives are offered at the end of Semester 6 of Year 3 and after the Final Examination in Semester 12. Students are provided the opportunities to join overseas attachment/exchange programmes, enrol in more in-depth and specialized study in specific areas of interest in medical and clinical sciences, engage in research undertakings or other forms of learning activities such as voluntary services, or even initiate their own learning activities.

Structure of the 12-week Electives in MBBS III

- Elective 1 (4 weeks)
  - Health Research Project (prescribed)
  - Clinical Attachment + Personal Development + Simulation Laboratory (prescribed)
- Elective 2 (8 weeks)
  - Or
- Elective 2 & 3 (4 weeks each)
  - Research Attachment (optional)
  - Humanities (optional)
  - Service Learning (optional)
  - Student Exchange Programme (optional)
  - Knowledge Broadening Course (optional)
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 skills for life-long 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. 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 as many as 17 public hospitals and a private hospital 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 will 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, a student can engage in clinical-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.
### 6-year MBBS Curriculum Structure

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>Year 1</td>
<td>Introduction to Health Sciences</td>
<td>Mid-term Exam</td>
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<td>Year 1</td>
<td>Health and the Local/Global Community</td>
<td>Formative Exam</td>
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<tr>
<td>Year 1</td>
<td>Medical Ethics and Humanities: The Foundations</td>
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<tr>
<td>Year 1</td>
<td>Common Core Courses</td>
<td>Mechanisms of Diseases</td>
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<td>Year 1</td>
<td>Core University English</td>
<td>Health and the Local/Global Community</td>
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<tr>
<td>Year 1</td>
<td>Core University English</td>
<td>Medical Ethics and Humanities: The Foundations</td>
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<tr>
<td>Year 1</td>
<td>Sep</td>
<td>Dec</td>
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<tr>
<td>Year 2</td>
<td>Semester 3</td>
<td>Semester 4</td>
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<tr>
<td>Year 2</td>
<td>Respiratory System</td>
<td>Term Break</td>
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<td>Year 2</td>
<td>Cardiovascular System</td>
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<td>Year 2</td>
<td>Urogenital System</td>
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<td>Core Courses</td>
<td>Common Core Courses</td>
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<tr>
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<td>Dec</td>
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<tr>
<td>Year 3</td>
<td>Semester 5</td>
<td>Semester 6</td>
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<tr>
<td>Year 3</td>
<td>Central Nervous System</td>
<td>Term Break</td>
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<td>Year 3</td>
<td>Head &amp; Neck Block</td>
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<td>Year 3</td>
<td>Haematology / Immunology System</td>
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<td>Year 3</td>
<td>Practical Chinese for MBBS Students</td>
<td>Elective</td>
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<tr>
<td>Year 3</td>
<td>Sep</td>
<td>Dec</td>
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<td>Year 4</td>
<td>Semester 7</td>
<td>Semester 8</td>
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<td>Year 4</td>
<td>Integrated Block (B)</td>
<td>Formative Exam</td>
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<tr>
<td>Year 4</td>
<td>English for Clinical Clerkships</td>
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<tr>
<td>Year 4</td>
<td>Aug</td>
<td>Dec</td>
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<tr>
<td>Year 5</td>
<td>Semester 9</td>
<td>Semester 10</td>
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<tr>
<td>Year 5</td>
<td>Senior Clerkship (Medicine, Surgery and Multidisciplinary Blocks)</td>
<td>Specialty Clerkship (Medicine, Surgery, Obstetrics &amp; Gynaecology, Paediatrics &amp; Adolescent Medicine, Family Medicine/ Psychiatry, Orthopaedics &amp; Traumatology/ Emergency Medicine/ Private Practice)</td>
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<tr>
<td>Year 5</td>
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<tr>
<td>Year 6</td>
<td>Semester 11</td>
<td>Semester 12</td>
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<tr>
<td>Year 6</td>
<td>Specialty Clerkship (continued)</td>
<td>Revision Sessions</td>
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<td></td>
<td>Final Exam</td>
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<td>Year 6</td>
<td>Jul</td>
<td>Jan</td>
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### 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 Faculty and 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 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.

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1. The University of Hong Kong is the convenor 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 Groningen, University of Manitoba, University of Oxford, Shantou University, Stanford School of Medicine, St Michael’s Hospital of University of Toronto and Technion-Israel Institute of Technology.
MBBS/Master of Research in Medicine (MBBS/MRes[Med])

Students who have successfully completed Year 4 of the 6-year MBBS curriculum may apply for enrollment in a 1-year intercalated research training programme leading to the additional degree of Master of Research in Medicine (MRes[Med]). After completing the MRes[Med] training programme, students will continue with Year 5 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 408 hours of work comprising 168 hours of coursework and 240 hours of hands-on research training. Students are required to produce a twenty-thousand word dissertation 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 nine years leading to the award of the degrees of MBBS and PhD upon graduation. The framework is four years of MBBS studies followed by three or four years of PhD and two more years of MBBS thereafter. An MBBS student of this Faculty who has completed the MBBS First, Second, Third and Fourth Summative Examinations with good results may apply for enrollment in PhD studies. 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 for PhD candidates and may opt to attend clinical studies sessions for their clinical interest. After having submitted the PhD thesis in the last year of the PhD studies, the candidate shall re-enter Year 5 of the MBBS programme and follow the 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.

Each Year Croucher Foundation Scholarships will be awarded to a maximum of two MBBS/PhD students to support the full fee of study for three years. MBBS/PhD students will also be arranged to receive training in the research laboratories of internationally renowned medical institutions. The Faculty has established an international network for students, in particular, the Faculty has concluded an agreement with King’s College London, UK, for a Joint-PhD degree programme.

<table>
<thead>
<tr>
<th>MBBS/MRes[Med] Programme</th>
<th>MBBS/PhD Programme</th>
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<tr>
<td>1</td>
<td>MBBS Year 1 + CCC + Core University English</td>
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<td>2</td>
<td>MBBS Year 2 + CCC</td>
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<tr>
<td>3</td>
<td>MBBS Year 3 + Practical Chinese for MBBS students + Elective</td>
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<tr>
<td>4</td>
<td>MBBS Year 4 + English for Clinical Clerkships</td>
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<tr>
<td>5</td>
<td>MRes[Med] / PhD</td>
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<td>6</td>
<td>PhD</td>
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<td>7</td>
<td>PhD</td>
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<td>8</td>
<td>MBBS Year 5</td>
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<td>9</td>
<td>MBBS Year 6</td>
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</tbody>
</table>
Enhancement of Inter-professional Learning and Development

Inter-professional education is an important step in advancing health professional education as a mechanism to improve the overall quality of health care. The Faculty takes the lead to introduce an inter-professional pathway for MBBS students to cultivate them as future leaders with unique strengths, knowledge and approaches in the delivery of health care.

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 with Public Health or Law*, with the support of scholarships.

* Programme plans subject to University’s approval.

Contacts for Enquiries
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Programmes Offered by the Faculty of Medicine

Bachelor of Nursing

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-psycho-social 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 curriculum also integrates different nursing components in order to train generic nurses who can work in different health care settings.

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 in the Faculty 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 Practica, 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>
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<td>12</td>
<td>18</td>
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<td>Life Sciences and Clinical Pharmacology</td>
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<td>Bioethics / Professional Issues</td>
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<td>Community and Global Health Nursing</td>
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<td>Management and Leadership</td>
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<tr>
<td>Nursing Elective</td>
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<tr>
<td>Nursing Research/Statistics</td>
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<tr>
<td>Common Core Curriculum</td>
<td>24</td>
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<td><strong>60</strong></td>
</tr>
</tbody>
</table>
Modes of Learning

The BNurs programme incorporates various teaching and learning strategies, e.g. problem-based learning, interdisciplinary learning, audiovisuals, computer-assisted learning, demonstration of skills, 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 laboratory teaching such as simulation activities and clinical practicum.

Nursing skills are acquired through demonstration, 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

HKU has strong links with international top schools of nursing in academic exchanges and research collaboration. Students are provided with sponsorships to participate in overseas exchange programme. They have opportunities to study in the top overseas universities for 2-4 weeks such as University of Pennsylvania and Case Western University.

<table>
<thead>
<tr>
<th>5-year BNurs Curriculum Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1: 60 credits</strong></td>
</tr>
<tr>
<td>Common Core Courses (12 credits)</td>
</tr>
<tr>
<td>Core University English (6 credits)</td>
</tr>
<tr>
<td>Nursing Foundations (6 credits)</td>
</tr>
<tr>
<td>Foundation of Life Sciences (6 credits)</td>
</tr>
<tr>
<td><strong>Sep</strong></td>
</tr>
<tr>
<td><strong>Year 2: 60 credits</strong></td>
</tr>
<tr>
<td>Common Core Courses (6 credits)</td>
</tr>
<tr>
<td>Academic Communication course (6 credits)</td>
</tr>
<tr>
<td>Introduction to Clinical Nursing (6 credits)</td>
</tr>
<tr>
<td>Life Sciences I (6 credits)</td>
</tr>
<tr>
<td>Behavioural Science I (6 credits)</td>
</tr>
<tr>
<td>Nursing Practicum I (6 credits)</td>
</tr>
<tr>
<td><strong>Sep</strong></td>
</tr>
<tr>
<td><strong>Year 3: 60 credits</strong></td>
</tr>
<tr>
<td>Nursing Care of Adult II (6 credits)</td>
</tr>
<tr>
<td>Clinical Pharmacology (6 credits)</td>
</tr>
<tr>
<td>Life Sciences III (6 credits)</td>
</tr>
<tr>
<td>Introduction to Chinese Medicine (6 credits)</td>
</tr>
<tr>
<td>Nursing Practicum II (18 credits)</td>
</tr>
<tr>
<td><strong>Sep</strong></td>
</tr>
<tr>
<td><strong>Year 4: 60 credits</strong></td>
</tr>
<tr>
<td>Nursing Care of Childbirth Family (6 credits)</td>
</tr>
<tr>
<td>Mental Health Nursing (6 credits)</td>
</tr>
<tr>
<td>Statistics (6 credits)</td>
</tr>
<tr>
<td>Nursing Practicum III (18 credits)</td>
</tr>
<tr>
<td><strong>Sep</strong></td>
</tr>
<tr>
<td><strong>Year 5: 60 credits</strong></td>
</tr>
<tr>
<td>Advanced Nursing of the Adult (6 credits)</td>
</tr>
<tr>
<td>Management &amp; Leadership (6 credits)</td>
</tr>
<tr>
<td>Evidence Based Practice (6 credits)</td>
</tr>
<tr>
<td>Community &amp; Global Health Nursing II (6 credits)</td>
</tr>
<tr>
<td>Nursing Elective (6 credits)</td>
</tr>
<tr>
<td><strong>Sep</strong></td>
</tr>
</tbody>
</table>
Contacts for Enquiries:
Email: nursing@hku.hk
Website: http://www.hku.hk/nursing
Phone: (852) 3917-6600
Programmes Offered by the Faculty

Bachelor of Chinese Medicine

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 and 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 on 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 and Clinical Clerkship at Chinese Medicine hospitals on the Mainland
- 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 science 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 excellent facilities in the Clinical Skills Training Centre, students receive comprehensive clinical skills training before practicing them on real patients. 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.

**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.

**Trilingual Teaching Medium**
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, Chinese Medicine dispensary practicum, clinical attachments 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 emphasizes the integration of theories and practical skills. Experiential learning is encouraged through participation in clinical attachment 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.
# 6-year BChinMed Curriculum Structure

**Year 1**

<table>
<thead>
<tr>
<th>Course/Event</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chinese Medicine Foundation Course</td>
<td>Sep-Dec</td>
</tr>
<tr>
<td>Biomedical Sciences Course(s)</td>
<td>Jan-May</td>
</tr>
<tr>
<td>Core University English</td>
<td>May-Jun</td>
</tr>
<tr>
<td>Common Core Course</td>
<td>Aug</td>
</tr>
<tr>
<td>Disciplinary Elective Course</td>
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</tbody>
</table>

**Year 2**

<table>
<thead>
<tr>
<th>Course/Event</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>Chinese Medicine Foundation Course</td>
<td>Sep-Dec</td>
</tr>
<tr>
<td>Chinese Medicine Clinical Course</td>
<td>Jan-May</td>
</tr>
<tr>
<td>Biomedical Sciences Course</td>
<td>May-Jun</td>
</tr>
<tr>
<td>Field Trip &amp; Chinese Medicine Dispensary Practice</td>
<td>Aug</td>
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</table>

**Year 3**

<table>
<thead>
<tr>
<th>Course/Event</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>Chinese Medicine Classical Texts Course</td>
<td>Sep-Dec</td>
</tr>
<tr>
<td>Chinese Medicine Clinical Course</td>
<td>Jan-May</td>
</tr>
<tr>
<td>Biomedical Sciences Course</td>
<td>May-Jun</td>
</tr>
<tr>
<td>English for Clinical Clerkship for Chinese Medicine Students</td>
<td>Aug</td>
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<tr>
<td>Disciplinary Elective Course</td>
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</table>

**Year 4**

<table>
<thead>
<tr>
<th>Course/Event</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Chinese Medicine Classical Texts Course</td>
<td>Sep-Dec</td>
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<tr>
<td>Chinese Medicine Clinical Course</td>
<td>Jan-May</td>
</tr>
<tr>
<td>Biomedical Sciences Course</td>
<td>May-Jun</td>
</tr>
<tr>
<td>Clinical Skills Training</td>
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<td>Disciplinary Elective Course</td>
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<tr>
<td>Bedside Teaching for &quot;Fundamental of Diagnosis&quot;</td>
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**Year 5**

<table>
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<tr>
<th>Course/Event</th>
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<tbody>
<tr>
<td>Chinese Medicine Classical Texts Course</td>
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<tr>
<td>Chinese Medicine Clinical Course</td>
<td>Jan-May</td>
</tr>
<tr>
<td>Biomedical Sciences Course</td>
<td>May-Jun</td>
</tr>
<tr>
<td>CM Clinical Attachment</td>
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<td>Bedside Teaching for &quot;Medicine&quot;</td>
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**Year 6**

<table>
<thead>
<tr>
<th>Course/Event</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Clinical Clerkship in Mainland China &amp; Essay Writing</td>
<td>Sep-Dec</td>
</tr>
<tr>
<td>Licensing Exam</td>
<td>Apr-Jun</td>
</tr>
</tbody>
</table>

**Contacts for Enquiries**

Email: bchinmed@hku.hk  
Website: http://www.scm.hku.hk  
Phone: (852) 2589-0437
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 standard of professional practice.

Programme Structure

It is a four-year programme comprising 252 credit-units of courses which shall include 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 quality pharmacists for the community and they provide placement openings for students of the programme.
Exposure to Chinese Medicine as well as Complementary and Alternative Medicine

It is important to equip 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, health care products, cosmetics, etc, which are commonly used by many patients in conjunction with Western medicines.

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 realize 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.

Overseas Exposure and Training

All our pharmacy students will have the opportunity to participate in an international exchange programme. Strong link has been established with pharmacy department of different universities and hospitals around the world, including University College London (UK), King’s College London (UK), University of Bonn (Germany), Monash University (Australia), The University of Sydney (Australia), Sojo University (Japan), The University of Illionois at Chicago (USA), University of Wisconsin-Madison (USA) and many others.

The exchange programme offers 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 country and Hong Kong, and to develop ideas on the future development of the pharmacy profession.

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 specialised area of their choices, including pharmaceutics, 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, both in academic and hospital pharmacy.

New Learning Approaches

Diversified “fit-for-purpose” teaching pedagogies are adopted to manifest the specific features of the curriculum. Problem-based learning (“PBL”) encourage interdisciplinary inquiry and fosters life-long learning skills, while final year project and clinical attachment provide students with opportunities for capstone experience and experiential learning.
# Curriculum Content

## Year 1 (6 credits each, unless specified otherwise)

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
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<tbody>
<tr>
<td>Anatomy</td>
<td>Pharmacy Practice I</td>
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<tr>
<td>Physiology and Pathophysiology I</td>
<td>General Chemistry</td>
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<td>Basic Biochemistry for Pharmacy Students</td>
<td>Core University English</td>
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<td>Evidence-Based Practice</td>
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## Year 2 (6 credits each, unless specified otherwise)

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<tbody>
<tr>
<td>Physiology and Pathophysiology II</td>
<td>Pharmacology and Clinical Pharmacy II</td>
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<tr>
<td>Microbiology and Immunology</td>
<td>Physical Chemistry: Principles and Applications in Pharmaceutical Sciences</td>
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<tr>
<td>Pharmacy Practice II</td>
<td>Fundamentals of Organic Chemistry for Pharmacy Students</td>
</tr>
<tr>
<td>Physicochemical Principles of Pharmacy</td>
<td>English for Clinical Pharmacy</td>
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<tr>
<td>Pharmacology and Clinical Pharmacy I</td>
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## Year 3 (6 credits each)

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<td>Pharmacology and Clinical Pharmacy V</td>
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<tr>
<td>Medicinal Chemistry for Pharmacy Students</td>
<td>Pharmacology and Therapeutics</td>
</tr>
<tr>
<td>Advanced Pharmaceutics</td>
<td>Principles of Pharmacognosy, Herbal Medicines and Nutraceuticals</td>
</tr>
<tr>
<td>Pharmacology and Clinical Pharmacy III</td>
<td>Analytical Techniques for Pharmacy Students</td>
</tr>
<tr>
<td>Pharmacology and Clinical Pharmacy IV</td>
<td>Practical Chinese for Pharmacy Students</td>
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## Year 4 (6 credits each, unless specified otherwise)

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<th>Course</th>
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<tbody>
<tr>
<td>Pharmacy Practice III</td>
<td>Clinical Pharmacy</td>
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<tr>
<td>Pharmacy Practice IV</td>
<td>Clinical Pharmacology and Advanced Clinical Pharmacy</td>
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<tr>
<td>Industrial Drug Development</td>
<td>Research Methodology and Research Project (12 credits)</td>
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<td>Toxicology and Drug Abuse</td>
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## Electives (6 credits each)

<table>
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<th>Course</th>
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<tr>
<td>Medical Genetics</td>
<td>Cosmetic Science</td>
</tr>
<tr>
<td>Molecular Pharmacology</td>
<td>Chinese Medicine for Pharmacy Students</td>
</tr>
</tbody>
</table>
Contacts for Enquiries
Email: bpharm@hku.hk
Website: http://www.pharma.hku.hk/index.php
Phone: (852) 3917-9460 / (852) 3917-9463
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 regarded by many 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 a broad but core knowledge of key biomedical disciplines. They will be well-trained to develop careers in areas such as research in universities, government or medical laboratories; research and development for the pharmaceutical, diagnostics, medical devices and laboratory instrumentation industries, and management and business development of the related industries; clinical trials management; media and communication; and health promotion, hospital administration and healthcare planning. They will also have acquired an excellent base for proceeding to medical, veterinary science or other health-related professional programmes through graduate entry, or for MPhil/PhD studies.

Programme Structure

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 structure and function of the human body and the process that are essential to life;
• the basic principles of the processes, mechanisms, patterns of diseases and concepts of therapeutic strategies; and
• the essential analytical methodologies and contemporary information technology skills 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, 36 credits are Common Core courses, and 18 credits are Language Enhancement courses. The other 90 credits are for minor and electives.
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 necessary 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 / Foundations of Chemistry
- Basic Biomedical Laboratory Techniques

plus any four of the following:

- Know Your Body
- Physiological Basis of Health and Disease
- Evidence-based Practice and Public Health
- Basic Pharmacology
- Human Genetics

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 their study, students are required to undertake a final year project. The Final Year Project constitutes capstone experience for students, allowing them to integrate their knowledge and to apply experimental and informatics skills to solve defined problems by research.

Students are required to complete the following courses of the advanced level:

- 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
- Sequence Bioinformatics

Minor Options and Electives

Students can plan their study with the remaining 90 credits in various manners. Those interested in enriching and deepening their understanding on topics in the field of biomedical sciences may opt to take a minor and/or electives offered within the BBiomedSc curriculum, while those who would like to broaden their knowledge base outside the realm of biomedical sciences can consider a minor and/or electives offered in other curricula.

There are 2 minor options offered in the BBiomedSc curriculum.

Minor Option 1: Genetics & Genomics (any 6 courses):

- Essential Molecular Biology
- Human Genetics
- Cancer Genetics
- Sequence Bioinformatics
- Essential Proteomics
- Genome Science
- Molecular Biology of the Gene
- Developmental Genetics
- Public Health Genetics
Minor Option 2: Pharmaceutical Sciences
(any 6 courses)

Basic Biochemistry
Basic Pharmacology
Fundamentals of Organic Chemistry
Advanced Pharmacology
Principles of Pharmacognosy, Herbal Medicines & Nutraceuticals
Molecular Pharmacology
Toxicology & Drug Abuse
Pharmaceutical Drug Development

There are also elective courses offered under the curriculum:

Emerging Infections
Molecular Neuroscience
Stem Cell & Regenerative Medicine
Clinical Trial Strategies
Advanced Physiological Sciences

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.

Articulation Programme, Research Training and Exchange Opportunities

The articulation programme enables BBiomedSc students, upon successful completion of the second year of the BBiomedSc curriculum, to study the first-year courses of the Bachelor of Veterinary Medicine and Surgery (BVM&S) curriculum at The University of Edinburgh as their BBiomedSc electives. Credits obtained during the year of study at Edinburgh can be transferred, subject to the relevant HKU regulations, for the purpose of fulfilling the credit requirements of the BBiomedSc programme. Upon completion of one-year attachment in Edinburgh, students will return to finish the 4th year of study of BBiomedSc at HKU. Students, after satisfactory completion of the BBiomedSc curriculum at HKU, can opt to continue studying the remaining three years (2nd, 3rd and 4th) of the BVM&S curriculum at The University of Edinburgh. Upon successful completion, students can obtain two degrees from the two universities in seven years.

BBiomedSc students are provided with ample opportunities to experience laboratory-based research and be trained for a career in research and development. They can join the research teams of Faculty professoriate members, and/or participate in overseas exchange and attach to the research laboratories of top class universities. The Undergraduate Research Fellowship Programme (URFP) of the University supports students’ pursuit for research exposure with the provision of scholarships.

Graduates will have the chance to progress to some of the professional programmes in the Faculty, such as MBBS and BPharm.

In addition, the Faculty is actively exploring possibilities for BBiomedSc students to articulate in other medical and allied health professional degree programmes (e.g. radiography, occupational therapy, physiotherapy, etc.) in world renowned universities overseas.

Contacts for Enquiries

Email: medfac@hku.hk
Website: http://www.med.hku.hk
Phone: (852) 3917-9346
Generic Components of the Undergraduate Curricula

**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, 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 totalling 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.

**New 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.

<table>
<thead>
<tr>
<th>Inter-professional Programme</th>
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<tbody>
<tr>
<td>MBBS</td>
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<td>BNurs</td>
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<tr>
<td>BPharm</td>
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<td>BChinMed</td>
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**Proposed framework**

- Junior Years
- MPH (1 year full-time)
- Senior Years
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 four teaching departments of Anatomy, Biochemistry, Pharmacology and Pharmacy, and Physiology, 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 800, 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 20 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 is now converted into a comprehensive Multidisciplinary Clinical Skills Training Centre with a total area of about 1,300m². It will be the first and only one in Hong Kong that supports multidisciplinary 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 Medical 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 Yiu King Hospital, Kowloon Hospital, Tsan Yuk Hospital, Tseung Kwan O Hospital and Tuen Mun Hospital. The University of Hong Kong - Shenzhen Hospital and The Hong Kong Sanatorium and Hospital (which is a private hospital) are also key partners of the Faculty in teaching, training and research.

Yu Chun Keung Medical Library

Yu Chun Keung Medical Library is the largest branch library among all specialist libraries in the University of Hong Kong Libraries. It provides a physical and virtual environment for holistic teaching and learning. It is equipped with sophisticated information technology providing a virtual learning environment conducive to study and research.

To support teaching, study and research, the Medical Library has built up a rich and in-depth collection comprising about 238,349 books and bound volumes, 417 current printed journals, 43,877 e-books, 8,617 e-journals and over 7,800 items of audiovisual and nonprint materials. The Library is now offering Electronic Reserve providing 24-hour access to full-text of recommended journal articles via the Medical Library Web page, relieving students from having to queue in long lines in order to borrow these articles.

To facilitate access to the collection, the Library is subscribing to an increasing amount of databases, electronic books and journals. Major databases include Medline, Essential Evidence Plus, MD Consult, Uncentral from Unbound Medicine, AccessMedicine, AccessSurgery, AccessPharmacology, AccessEmergencyMedicine, OMMBID, JoVE video collection (JoVE: bioengineering, JoVE: Clinical and translational medicine, JoVE: Immunology and infection, JoVE: Neuroscience, and MedicinesComplete. Major e-textbooks include Harrison's Online, McGraw Access Series, Books@Ovid, MD Consult, and STAT!Ref. Major e-journals include ASM Journals Online, BMJ Journals, Wiley Interscience, ScienceDirect, Nature, Lancet and LWW Archive Collection.

Other facilities in the Library include the Knowledge Navigation Centre equipped with 40 networked computers for access to online catalogues, local databases and resources worldwide as well as multimedia workstations, scanners, software packages for learning, class presentation and digital publishing. There are also a computer assisted learning laboratory, multi-purposes group study rooms, a multimedia centre, and a photocopy room. Last but not least, students could access the Internet anywhere, any time through ACEnet and wireless LAN in the Library.
General Information

Tuition Fees and Scholarships

Tuition and Other Fees

The composition (tuition) fees for the MBBS, BNurs, BChinMed, BPharm and BBiomedSc programmes for each academic year is about $42,100 (indicative) for local students, and $135,000 (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.

Other sources of funding include University-administered scholarships and prizes awarded to outstanding students. In addition to those tenable in all the faculties of the University, our Faculty also enjoys the advantage of having a large number of patrons and distinguished graduates who have donated over 100 different scholarships and prizes which are available exclusively to undergraduate students of the Medical Faculty.

As from the academic year 2015-16, three scholarships will be tenable to undergraduate students of the Medical Faculty:

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 manifests 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.

Dean’s Scholarships – The Scholarships support outstanding students and will be granted 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).
Student Facilities

Accommodation

Students may apply to stay in one of the residential halls which are situated either on the main campus, on Pokfulam Road or Sassoon Road. These halls vary in style and character. Most of the study-bedrooms are shared by two students but there are also single rooms. The Madam S H Ho Residence for Medical Students on Sassoon Road accommodates 150 students and offers accommodation in the form of single room for each student. Medical students undergoing clinical training at Queen Mary Hospital in senior years are required to stay at Madam S H Ho Residence for Medical Students. More residential places on Sassoon Road and halls nearby will be provided in phases to 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 Pokfulam 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 athletic 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 organised 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 medical students within HKU. The Medical Society currently has 6 standing committees, including the Executive Committee, Nursing Society, Chinese Medicine Society, Pharmacy 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 ‘Elixir’ and periodicals ‘Caduceus’ which provide an effective platform for students’ sharing. All these activities form a unique aspect of our students’ university life.
Professional Recognition and Career Prospects

**Bachelor of Medicine and Bachelor of Surgery**

The degrees of Bachelor of Medicine and Bachelor of Surgery are recognised as registrable primary qualifications 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. There are those who 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 policy-making and health care planning for our community. A few others will build a non-medical career such as law, business, or pharmaceutical development on top of their basic medical training.
**Bachelor of Nursing**

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.
Bachelor of Chinese Medicine
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.

Bachelor of Pharmacy
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 or 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.

Bachelor of Biomedical Sciences
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 will include research in university, government or medical development for the pharmaceutical, diagnostics, medical devices and laboratory planning in the government sector; and teaching.
How to Apply

Application for Admission

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 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 on-line at the following website: www.als.hku.hk/admission. For enquiry, please contact the Registry by email (admissions@hku.hk) or by writing to:

Admissions and Academic Liaison Section
The Registry
The University of Hong Kong
Pokfulam
Hong Kong
Phone: (852) 2241-5886 Fax: (852) 2291 0451
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, such as 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:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Level of Performance</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Chinese</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>2</td>
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</tbody>
</table>

b) attain at least Level 3 in two electives, one of which must be:
   i) Chemistry
   ii) Combined Science with Chemistry as one of the components

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:

<table>
<thead>
<tr>
<th>Subject</th>
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<td>2</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>2</td>
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</tbody>
</table>

b) attain at least Level 3 in two electives, one of which preferably be
   i) Biology or
   ii) Chemistry or
   iii) Physics or
   iv) Combined Science or
   v) Integrated Science
**Bachelor of Chinese Medicine**

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:

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<tr>
<th>Subject</th>
<th>Level of Performance</th>
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<tbody>
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<tr>
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<td>3</td>
</tr>
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<td>2</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>2</td>
</tr>
</tbody>
</table>

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

**Bachelor of Pharmacy**

Selection for admission is primarily based on academic performance in HKDSE (or equivalent), but other factors will also be considered, such as 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:

<table>
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<td>Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>Liberal Studies</td>
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</tr>
</tbody>
</table>

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

**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) Subject | Level of Performance |
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<tbody>
<tr>
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<td>2</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>2</td>
</tr>
</tbody>
</table>

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
Admission Requirements for Non-JUPAS Candidates

If you are a local candidate who is applying for admission on the strength of qualifications other than 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 (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-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, BNurs, BChinMed, 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 some 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.
21 Sassoon Road, Pokfulam, Hong Kong
Phone: (852) 3917-9346
Fax: (852) 2816-2293
Email: medfac@hku.hk
Website: http://www.med.hku.hk