**Teaching Curriculum for Bachelor of Medicine and Bachelor of Surgery at QDU**

**1. Education purpose**

The [professional](http://cn.bing.com/dict/search?q=professional&FORM=BDVSP6&mkt=zh-cn) [training](http://cn.bing.com/dict/search?q=training&FORM=BDVSP6&mkt=zh-cn) in the coming 6 years will help student acquire new knowledge, attitudes, and skills to become a [specialized](http://cn.bing.com/dict/search?q=specialized&FORM=BDVSP6&mkt=zh-cn) [personnel](http://cn.bing.com/dict/search?q=personnel&FORM=BDVSP6&mkt=zh-cn) in [medical](http://cn.bing.com/dict/search?q=medical&FORM=BDVSP6&mkt=zh-cn) services, [education](http://cn.bing.com/dict/search?q=education&FORM=BDVSP6&mkt=zh-cn) [and](http://cn.bing.com/dict/search?q=and&FORM=BDVSP6&mkt=zh-cn) [scientific](http://cn.bing.com/dict/search?q=scientific&FORM=BDVSP6&mkt=zh-cn) [research](http://cn.bing.com/dict/search?q=research&FORM=BDVSP6&mkt=zh-cn).

**1.1. Basic requirements**

(1) Be ready for a life of service, making responsible use of the special privileges granted by society to those who assume the healing role;

(2) Master the professional skills and have knowledge in human, social and natural science with a certain degree of understanding;

(3) Preparing for lifelong learning, for proper approaches to clinical reasoning, for critical analysis of the sources of scientific knowledge, for the development of new knowledge, and for the applications of that knowledge in the care of patients;

(4) Embrace Chinese culture and use appropriate Chinese in professional situations in China;

(5) Have general understanding of preventive and rehabilitation medicine.

**1.2. Professional requirements**

(1) Have a substantial fund of knowledge of preclinical and clinic medicine.

(2) Listens to and maintains effective communication with patients. Learn to make the best possible judgments, based on your knowledge of empirical findings, personal experience, professional values, and the wishes of patients.

(3) Handle emergency and severe case appropriately.

(4) Be aware of what do not know and have the confidence to seek assistance to fill in gaps and further the knowledge.

(5) Make the best use of literature search, computer technology and statistical analysis;

(6) Obey the law and maintain self-regulation and group discipline;

(7) Be aware of the world of the patient and develop a deep understanding of the meaning of the patient's gender, ethnicity, race, spiritual beliefs and social context. The increasing cultural competence will ensure optimal communication and provision of care.

(8) Be considerate and respectful of colleagues, sustaining collegiality faithfully.

**2. Length of Schooling**

The program of international clinical medical undergraduate integrates the biological, social and clinical sciences over a six-year period.

**3. Degrees Conferred**

All the qualified graduates will be awarded Degree of Bachelor of Medicine and Bachelor of Surgery.

**4. Major Courses**

During the 6 years of the curriculum, emphasis is placed on the following courses: Chemistry, Physics, Medical Biology, Anatomy, Histology and Embryology, Physiology, Biochemistry, Medical Immunology, Medical Microbiology, Parasitology, Pathology, Pathophysiology, Pharmacology, Diagnostics, Internal Medicine, Surgery, Obstetrics and Gynecology and Pediatrics.

**5. Clinical Clerkship and Clinical Internship**

The core clinical curriculum includes clinical labs, clinical clerkships and assessment of clinical internship. All students are required to complete the 16-week Medicine, 16-week Surgery, 8-week Pediatrics and 8-week Obstetrics and Gynecology internship.

**6. Courses Classification and Credit Allocation**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Courses Classification** | | [**Theoretical**](http://cn.bing.com/dict/search?q=Theoretical&FORM=BDVSP6&mkt=zh-cn)[**Teaching**](http://cn.bing.com/dict/search?q=Teaching&FORM=BDVSP6&mkt=zh-cn) | | | **[Practical](http://cn.bing.com/dict/search?q=Practical&FORM=BDVSP6&mkt=zh-cn)**[**Teaching**](http://cn.bing.com/dict/search?q=Teaching&FORM=BDVSP6&mkt=zh-cn) | **Graduation Requirements** |
|  | | **Hours** | **Credits** | [**%**](http://cn.bing.com/dict/search?q=proportion&FORM=BDVSP6&mkt=zh-cn) |  |  |
| **General Education** | required | 530 | 29 | 17.15 | 1. Hours of practicing in class: 1013 hours.  2. Clinical [Internship](http://cn.bing.com/dict/search?q=internship&FORM=BDVSP6&mkt=zh-cn) for 48 weeks (48 credits) | Students must complete at least 204 credits. |
| [**Basic**](http://cn.bing.com/dict/search?q=basic&FORM=BDVSP6&mkt=zh-cn)**Medical Courses** | required | 1326 | 69.5 | 42.90 |  |  |
| **Major Courses** | required | 1011 | 52 | 32.71 |  |  |
| **Elective Medical Courses** | Elective | 224 | 12 | 7.24 |  |  |
| **Total** | | 3091 | 162.5 | 100 |  |  |

**7. Curriculum**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Courses** | **Credits** | **Hours Distribution** | | | **Weekly Hours** | **Season** | **Semester** | **Prerequisite courses** |
|  |  |  | **Total** | **Lecture** | **Practice** |  |  |  |  |
| **General Education (required)** | Chinese Language A | 3.5 | 54 | 54 |  | 6 | Fall | 1 |  |
|  | Computer Concepts | 1.5 | 36 | 18 | 18 | 4 | Fall | 1 |  |
|  | Physics | 3 | 72 | 36 | 36 | 8 | Fall | 1 |  |
|  | General Chemistry | 3.5 | 72 | 48 | 24 | 8 | Fall | 1 |  |
|  | Chinese Language B | 4 | 64 | 64 |  | 4 | Spring | 2 |  |
|  | Medical Ethics | 2 | 32 | 32 |  | 4 | Spring | 2 |  |
|  | Organic Chemistry | 3.5 | 72 | 48 | 24 | 4 | Spring | 2 |  |
|  | Chinese Language C | 4 | 64 | 64 |  | 4 | Fall | 3 |  |
|  | Chinese Language D | 4 | 64 | 64 |  | 4 | Spring | 4 |  |
|  | **Subtotal** | 29 | 530 | 428 | 102 |  |  |  |  |
| **[Basic](http://cn.bing.com/dict/search?q=basic&FORM=BDVSP6&mkt=zh-cn)****[Medical](http://cn.bing.com/dict/search?q=medicine&FORM=BDVSP6&mkt=zh-cn)** **Courses (required)** | Medical Biology | 2 | 32 | 32 |  | 2 | Spring | 2 |  |
|  | Laboratory of Cell and Molecular Biology A | 0.5 | 12 |  | 12 | 4 | Spring | 2 |  |
|  | Systematic Anatomy | 5.5 | 108 | 72 | 36 | 6 | Spring | 2 |  |
|  | Traditional Chinese Medicine | 2.5 | 48 | 32 | 16 | 3 | Fall | 3 |  |
|  | Histology and Embryology | 3 | 48 | 48 |  | 3 | Fall | 3 | Anatomy |
|  | Laboratory of Microstructure A | 1.5 | 48 |  | 48 | 3 | Fall | 3 | Anatomy |
|  | Psychology | 3 | 48 | 48 |  | 3 | Fall | 3 | Medical Biology |
|  | Medical Seminar A | 2 | 32 | 32 |  | 4 | Fall | 3 |  |
|  | Medical Statistics | 2 | 32 | 32 |  | 4 | Spring | 4 |  |
|  | Physiology | 4.5 | 72 | 72 |  | 4 | Spring | 4 | Biochemistry, Medical Biology, Histology and Embryology |
|  | Laboratory of Functional Experiment A | 1.5 | 48 |  | 48 | 4 | Spring | 4 | Biochemistry, Medical Biology, Histology and Embryology |
|  | Biochemistry | 4.5 | 72 | 72 |  | 4 | Spring | 4 | Histology and Embryology, Anatomy |
|  | Laboratory of Cell and Molecular Biology B | 1 | 36 |  | 36 | 6 | Spring | 4 | Histology and Embryology, Anatomy |
|  | Human Parasitology | 1.5 | 32 | 16 | 16 | 2 | Spring | 4 |  |
|  | Medical Seminar B | 2 | 32 | 32 |  | 4 | Fall | 5 |  |
|  | Professional Chinese Vocabulary A | 3 | 48 | 48 |  | 4 | Fall | 5 | Chinese Language |
|  | Pathology | 3.5 | 54 | 54 |  | 3 | Fall | 5 | Histology and Embryology, Physiology |
|  | Laboratory of Microstructure B | 1.5 | 54 |  | 54 | 6 | Fall | 5 | Histology and Embryology, Physiology |
|  | Medical Microbiology | 3.5 | 54 | 54 |  | 3 | Fall | 5 | Medical Biology |
|  | Laboratory of Pathogen Biology A | 0.5 | 16 |  | 16 | 4 | Fall | 5 | Medical Biology |
|  | Medical Immunology | 2.5 | 42 | 42 |  | 3 | Fall | 5 | Physiology |
|  | Laboratory of Pathogen Biology B | 0.5 | 16 |  | 16 | 4 | Fall | 5 | Physiology |
|  | Regional Anatomy | 3 | 74 | 24 | 48 | 4 | Fall | 5 |  |
|  | Pathophysiology | 2 | 36 | 36 |  | 2 | Spring | 6 | Pathology, Pharmacology |
|  | Pharmacology | 4 | 64 | 64 |  | 4 | Spring | 6 | Physiology, Biochemistry |
|  | Laboratory of Functional Experiment B | 1.5 | 48 |  | 48 | 4 | Spring | 6 | Physiology, Biochemistry |
|  | Clinical Epidemiology | 2 | 36 | 36 |  | 4 | Spring | 6 | Medical Statistics |
|  | Clinical Nutriology | 2 | 36 | 36 |  | 2 | Spring | 6 | Physiology, Biochemistry |
|  | Professional Chinese Vocabulary B | 3 | 48 | 48 |  | 4 | Spring | 6 | Chinese Language |
|  | **Subtotal** | 69.5 | 1326 | 930 | 394 |  |  |  |  |
| **Basic Major Courses (required)** | Forensic Concepts | 1 | 16 | 16 |  | 2 | Spring | 6 |  |
|  | Diagnostics | 5 | 112 | 56 | 56 | 7 | Fall | 7 |  |
|  | General Surgery | 2.5 | 45 | 30 | 15 | 7 | Fall | 7 |  |
|  | Clinical Skills | 1 | 32 |  | 32 | 4 | Fall | 7 |  |
|  | Diagnosis of Medical Imaging | 2 | 40 | 32 | 8 |  | Fall | 7 |  |
|  | Geriatrics | 2 | 32 | 32 |  |  | Fall | 7 |  |
|  | Internal Medicine A | 4.5 | 88 | 56 | 32 |  | Spring | 8 |  |
|  | Surgery A | 3 | 64 | 32 | 32 | 4 | Spring | 8 |  |
|  | Gynecology & Obstetrics | 4 | 80 | 48 | 32 | 9 | Spring | 8 |  |
|  | Neurology | 1.5 | 40 | 20 | 20 | 8 | Spring | 8 |  |
|  | Ophthalmology | 2 | 36 | 27 | 9 | 4 | Spring | 8 |  |
|  | Otorhinolaryngology | 2 | 36 | 27 | 9 | 4 | Spring | 8 |  |
|  | Lemology | 1.5 | 38 | 26 | 12 | 4 | Spring | 8 |  |
|  | Internal Medicine B | 4.5 | 88 | 56 | 32 |  | Fall | 9 |  |
|  | Surgery B | 3 | 64 | 32 | 32 | 4 | Fall | 9 |  |
|  | Nuclear Medicine | 1.5 | 24 | 16 | 12 | 9 | Fall | 9 |  |
|  | Psychiatry | 1.5 | 28 | 24 | 4 |  | Fall | 9 |  |
|  | Pediatrics | 4 | 80 | 56 | 24 | 10 | Fall | 9 |  |
|  | Dermatology and Venereology | 2 | 36 | 24 | 12 |  | Fall | 9 |  |
|  | Stomatology | 1.5 | 32 | 16 | 16 |  | Fall | 9 |  |
|  | Graduation Examination | 2 |  |  |  |  | Spring | 12 |  |
|  | **Subtotal** | 52 | 1011 | 626 | 389 |  |  |  |  |
| [**Basic**](http://cn.bing.com/dict/search?q=basic&FORM=BDVSP6&mkt=zh-cn)[**Medical**](http://cn.bing.com/dict/search?q=medicine&FORM=BDVSP6&mkt=zh-cn) **Courses (Elective)** | Clinical Blood Transfusion | 1 | 16 | 16 |  | 4 | Fall | 7 |  |
|  | Medical Genetics | 2 | 32 | 32 |  | 4 | Fall | 3 |  |
|  | Community Medicine | 2 | 32 | 32 |  | 4 | Fall | 7 |  |
|  | Nursing Skills | 1 | 32 |  | 32 | 4 | Spring | 6 |  |
|  | Clinical Hematological Laboratory | 1 | 32 |  | 32 | 4 | Fall | 7 |  |
|  | Medical Terminology | 2 | 32 | 32 |  | 4 | Fall | 3 |  |
|  | Practical Medical Chinese | 3 | 48 | 48 | 64 | 4 | Fall | 7 |  |
|  | **Subtotal** | 12 | 224 | 160 | 128 |  |  |  |  |
| **Internship** | Clinical Internship A | 32 |  |  |  |  | Spring, Fall | 10,11 |  |
|  | Clinical Internship B | 32 |  |  |  |  | Fall, Spring | 11,12 |  |
|  | **Subtotal** | 64 |  |  |  |  |  |  |  |
|  | **Total** | 226.5 | 3091 | 2144 | 1013 |  |  |  |  |

**8. Program Instructions**

**8.1** **The program of Bachelor of Medicine and Bachelor of Surgery includes three parts**

During pre-clinical year, the core basic science knowledge which needed to succeed in clinical clerkships will be taught prior to the core clinical knowledge, while the richness of more advanced science is best suited to students when they preparing for the basic medical courses coming ahead. In addition, exposing to Chinese culture is an indispensible experience through the entire process. This part of the curriculum includes Chinese Language, Physics, Chemistry, etc.

Following the intellectual transformation that occurs during first year, students will be more receptive to basic medical courses which include Medical Biology, Systematic Anatomy, Regional Anatomy, Histology and Embryology, Physiology, Biochemistry, Medical Genetics, Medical Immunology, Medical Microbiology, Parasitology, Pathology, Medical Psychology, Medical Statistics, Clinical Epidemiology, Pathophysiology, Pharmacology, Diagnostics, Forensic Medicine, Clinical Nutrition, Community Medicine, Laboratory of Cell and Molecular Biology, Laboratory of Microstructure and Laboratory of Functional Experiment.

After the first 3 years of the program, emphasis is placed on the clinical sciences. The venue of education transfers from classrooms to the multiple hospitals, clinics, and medical care facilities affiliated with the School. Clinical clerkship last 72 weeks and supplemented by a longitudinal multidisciplinary curriculum that incorporates mentoring, assessment, and ambulatory care experiences. Chinese students under combined bachelor’s/master’s degree programs will participate in this process and mutual help will [play](http://cn.bing.com/dict/search?q=plays&FORM=BDVSP6&mkt=zh-cn) [a](http://cn.bing.com/dict/search?q=a&FORM=BDVSP6&mkt=zh-cn) [great](http://cn.bing.com/dict/search?q=great&FORM=BDVSP6&mkt=zh-cn) [role](http://cn.bing.com/dict/search?q=role&FORM=BDVSP6&mkt=zh-cn) [in](http://cn.bing.com/dict/search?q=in&FORM=BDVSP6&mkt=zh-cn) the learning progresses of both side of students. Since this [internationalized](http://cn.bing.com/dict/search?q=internationalized&FORM=BDVSP6&mkt=zh-cn) [education](http://cn.bing.com/dict/search?q=education&FORM=BDVSP6&mkt=zh-cn) program lay emphasis on the liaison between theoretical knowledge and practical skill, students who finish it are expected to be qualified physicians who can manage common diseases [independently](http://cn.bing.com/dict/search?q=independently&FORM=BDVSP6&mkt=zh-cn) and adapt [easily](http://cn.bing.com/dict/search?q=easily&FORM=BDVSP6&mkt=zh-cn) to healthcare system in their homeland.

**8.2 Graduation**

Students in the [international](http://cn.bing.com/dict/search?q=International&FORM=BDVSP6&mkt=zh-cn) [medical](http://cn.bing.com/dict/search?q=Medical&FORM=BDVSP6&mkt=zh-cn) undergraduate program must graduate with qualified grade and complete all courses in this program to receive their degree according to *Regulations of the People's Republic of China* *on Academic Degrees* and[*Detailed*](http://cn.bing.com/dict/search?q=Detailed&FORM=BDVSP6&mkt=zh-cn)*[Rules](http://cn.bing.com/dict/search?q=Rules&FORM=BDVSP6&mkt=zh-cn) for*[*degree*](http://cn.bing.com/dict/search?q=degree&FORM=BDVSP6&mkt=zh-cn)[*granting*](http://cn.bing.com/dict/search?q=granting&FORM=BDVSP6&mkt=zh-cn) *in QDU.*

**Admissions Eligibility**

To be eligible for selection to the undergraduate MBBS program, all applicants should meet the following conditions:

1.  Applicants should provide academic transcripts from high school and any higher education institutions you have attended. Your average scores should be higher than 70%.

2.  Applicants should be more than 18 years old and in a healthy physical condition.

3.  Applicants should have strong English Language skills. Applicants from non-English speaking countries should provide records of their English learning from primary and secondary school or a certificate of English proficiency from a standardized English test.

|  |  |
| --- | --- |
| 4.  Applicants must guarantee that they will comply with the Chinese Constitution, the laws of China and all school rules while in China5.  Applicants should have financial support, as well as guarantors for their stay in China Students must guarantee that they will purchase medical insurance during their study period in China Application and |  |