

## Overview

Medicine is a life-long career option that helps to provide a great social service in caring for the ill and ailing, as well as to prevent illnesses thereby helping to create a healthier society. Even though being a doctor can be very stressful and could drain one emotionally, it is a very rewarding career. As a doctor, one already holds a special status in society while making a great difference to the lives of many people. Ultimately, medicine is a life-changing career that will expose you to many different experiences that you will not find anywhere.

# Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.)

The UTAR M.B.B.S. programme follows a systemic and integrated approach that aims to equip graduates with not only the required clinical skills, but also effective communication skills to function as competent and caring doctors. Academic foundation, analytical and critical thinking ability will be provided for engagement in life-long learning, research and continuing professional development. Ethical values, professionalism and moral responsibility to both patients and the community will be instilled in the UTAR graduates.

### **Salient Features**

# √ Early Clinical Exposure

The students are exposed to clinical cases and the importance of patient safety at the pre-clinical phase.

## √ Basic Research Methodology

Basic clinical research in the form of public health projects and community projects are also introduced at the early pre-clinical stage.

### √ Applied Laboratory Medicine

The students are exposed to applied laboratory medicine at the early pre-clinical phase.

## √ IT-oriented Teaching-Learning Environment

The UTAR medical curriculum is IT-oriented. The use of the latest information technology in medical teaching is applied throughout the medical programme.

### Is this Programme for me?

One should be able to communicate effectively and be willing to listen, as well as be analytical and critical in evaluating a situation. In order to understand a clinical situation and decide on the course of action to be taken, this calls for an enquiring mind and the willingness to continually learn.

# Career Prospects

Malaysia is fast tracking towards providing a health-care system that of a developed nation and the country aims to continually improve the doctor: patient ratio.

Following successful completion of the medical degree, graduates are eligible for provisional registration by the Malaysian Medical Council and undergo a two-year compulsory internship as house-officers in accredited government hospitals. After satisfactory serving the internship, they are then eligible for full registration and undertake a further 2 years of compulsory service at any government or public university hospitals or accredited medical centres as a medical officer.

After completing the compulsory service, the medical doctors can either continue as medical officers in government service or venture into private practice. If they are interested to become a medical specialist, they can pursue a postgraduate degree, the clinical masters, for another 4 years. Furthermore, they can further subspecialise into a particular clinical discipline with additional 3 years of subspecialty training. For those who are more interested in research, they can pursue a PhD or Doctorate of Medicine degree, after their basic degree.

There are numerous courses available for specialisation and sub-specialisation, some of which include:

- Anaesthesiology
- Emergency Medicine
- Family Medicine
- Obstetrics and Gynaecology
- Ophthalmology
- Orthopaedics
- Otorhinolaryngology (ENT)
- Paediatrics
- Public Health
- Psychiatry
- Radiology
- Internal Medicine with subspecialty in:
  - Cardiology
  - Dermatology
  - Gastroenterology
  - Geriatric Medicine
  - Infectious Diseases
  - Respiratory Medicine
  - Rehabilitative Medicine
  - Rheumatology
- Metabolic and **Endocrine Medicine**

- General Surgery with subspecialty in:
  - Breast and Endocrine Surgery
  - Cardiothoracic Surgery
  - Colorectal Surgery
  - Hepatobiliary Surgery
  - Neurosurgery
  - Plastic Surgery
- Pathology with subspecialty in:
  - Chemical Pathology
  - Forensic Pathology
  - Haematology
  - Histopathology
  - Medical Microbiology

For an academically inclined graduate, one may choose a career as a clinical lecturer in any medical school. Those who wish to go into advanced studies may opt to do medical research.

# Courses

### Year 1

- Anatomy and Physiology 1
- Anatomy and Physiology 2
- Basic Genetics and Biochemistry
- Cardiovascular System
- Cell and Molecular Biology
- Endocrine System and Metabolic Disorders
- Gastrointestinal System
- General Pathology 1
- General Pathology 2
- Haematology
- Integrated Medical Sciences
- Musculoskeletal and Articular System
- Neurological System and Skin
- Renal System
- Respiratory System
- Reproductive System

### **University Course**

• Sun Zi's Art of War and Business Strategies

# National Language/Other Language

• Bahasa Kebangsaan A

- Communicative Tamil for Health Sciences
- Introduction to Chinese Language

### Year 2

- Basic Clinical Skills
- Community Health Project
- Elective posting: Paraclinical
- Elementary Clinics
- Epidemiology and Public Health
- Hospital Infections and Patient Safety
- Laboratory Medicine
- Managing Research Process and Statistical Analysis
- Nursing Care, First Aid and Cardiopulmonary Resuscitation (CPR)
- Pharmacology
- Professional, Ethical and Legal Issues in Malaysian
- Medical Practice
- Traditional and Complementary Medicine Principles

#### **MPU Courses**

- Hubunaan Etnik
- Social Entrepreneurship Project
- Tamadun Islam dan Tamadun Asia (TITAS)

## Year 3 to Year 5

- Anaesthesiology
- Critical Care
- Dermatology
- Elective Posting: GP
- Elective Posting: Specialist
- Emergency Medicine
- Family Medicine
- Forensic Medicine
- General Surgery
- Internal Medicine
- Obstetrics and Gynaecology
- Ophthalmology
- Orthopaedic Surgery
- Otorhinolaryngology
- Paediatrics and Neonatology
- Public Health
- Psychiatry
- Radiology
- Rehabilitative Medicine

All information is correct at the time of printing and is subject to change without prior notice. July 2020

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