

MEDICINE



1st
Malaysian University
that earned 5★ for Prioritizing
Society's Needs in Malaysia
- by QS Stars



SEGi
University &
Colleges

DEVELOPING HEALING HANDS & CARING HEARTS

SEGi University strives to produce doctors who are lifelong learners, keeping abreast with technological advances in medicine, to ensure the community receives prompt, accurate and effective care. This is made possible through the diverse teaching and learning experiences that are student and patient-centred promoting holistic care and emphasising professional and ethical values.

The Bachelor of Medicine and Bachelor of Surgery programme is developed especially for students who believe in making a difference in the lives of others through the delivery of better health care. This medical programme prepares aspiring doctors for a challenging career ahead that covers the parameters of promotion, prevention, therapeutic and rehabilitative medicine.

FOREWORD: MESSAGE FROM THE DEAN

The MBBS programme offered by SEGi University is unique. Built upon the integrated nature of patients' presentation to health care facilities, it offers a patient as well as student-centered collaborative learning experience. Our main objective is to bring up "The Best in You, Made Possible" via our innovative integrated curriculum where we focus on educating our students in a patient-centered, science-driven, team-based, high-value health care environment.

The Faculty of Medicine provides diverse learning opportunities in a variety of clinical settings across the country. This provides them with an environment that is conducive to develop their leadership skills and prepare them to become the doctors of tomorrow.

Professor Dr Samiah Yasmin Abdul Kadir

Dean, Faculty of Medicine

SEGi University

**WIDEST RANGE OF QUALITY COURSES****Tailored to your Passion**

Programmes offered at SEGi University and Colleges are meticulously planned and are of equivalent to that of prestigious international universities, with its well-rounded curriculum in multi disciplines from foundation to doctorate level.

**TRUSTED & RECOGNIZED****Malaysia's longest established higher education provider**

Established in 1977 as Systematic College in the heart of Kuala Lumpur, after four decades, SEGi has undergone significant growth, making it one of the most trusted and recognized higher education institutions in Malaysia.

**REAL-WORLD EXPERIENCE****Education today, Workforce tomorrow**

Get a head start while pursuing your studies at SEGi. Before you graduate, SEGi encourages you to apply your knowledge and develop skills through work placements and internships. Work experiences help you better understand the world and fit into workplace upon graduation.

GLOBALLY RECOGNIZED,
DISTINCTIVELY SEGi.

OUR 6 COMPETITIVE ADVANTAGES

**SKILL ENHANCEMENT & SUPPORT****Shine & stand out from the crowd**

The SEGi Enrichment Programme provides opportunities to enhance students' learning experience. Explore from more than 100 workshops and seminars to prepare you beyond the classroom including communication and grooming skills, among others.

**WORLD-CLASS ACADEMIC LEADERS****Dedicated academicians, Great mentors**

Our world-class faculty members are connected to industry, imparting knowledge and sharing experiences to ensure students reap full benefit at SEGi. They will guide and help you excel. They will unlock your potential and talent by pushing you out of your comfort zone.

**CAREER READY FIRST CLASS GRADUATES****Top of the class**

SEGi produces more than 300 first class graduates every year. They excel not only academically but are also socially competent, skilled and ready for the workforce.

OUR ACCOMPLISHMENTS AND ACCOLADES

SEGi University & Colleges is at the forefront of educational excellence to help our students realize their career aspirations. We are honoured to have received a string of prestigious awards. These recognitions reflect SEGi's continued commitment to highest-caliber educational experience for our students.



QS 5 STARS

in teaching, facilities, inclusiveness and social responsibility.

Achieved a stunning 3 Stars overall.

The First Malaysian University that earned 5 Stars for Prioritizing Society's Needs in Malaysia.



PUTRA
BRAND AWARDS
— THE PEOPLE'S CHOICE —
SILVER
2013 - 2015

(Education & Learning)



PUTRA
BRAND AWARDS
— THE PEOPLE'S CHOICE —
BRONZE
2012, 2016 & 2017

(Education & Learning)

PUTRA BRAND AWARDS

Putra Brand Awards is a brand valuation award measured by consumer preferences. There are various categories ranging from automotive to property development and education and learning, among others.



EDUCATION - MALAYSIA
2014 - 2015

**Education - Malaysia
World Branding Award**



**Outstanding
Innovation Award 2014**



**Reader's Digest
Trusted Brand 2013 - 2015**
(Services, Private University/College)

■ **Students Choice Awards 2015**
(Top 10 Universities)

■ **The Edge Billion Ringgit Club 2013**
(Best Performing Stock Award - Trading & Services)

■ **3rd Global Leadership Award 2013**
(Leadership in Educational & Training Excellence)

■ **Asia Pacific Entrepreneurship Awards 2012**
(Most Promising Entrepreneur)

■ **10th Asia Pacific International Honesty
Enterprise Keris Award 2011**

■ **The BrandLaureate Best Brand Award 2010 - 2011**
(Education Tertiary Private)

FULLY EQUIPPED LABORATORIES

SEGi provides a full range of laboratories such as the Anatomy Museum and Dissection Hall with real Cadaveric specimens for practical classes.

FULLY ACCREDITED BY THE MQA

Our undergraduate programme received full accreditation from the Malaysian Qualifications Agency (MQA) and Malaysian Medical Council (MMC). It also brings you one step closer to excelling in the United States Medical Licensing Examination (USMLE).

iMENTORING

We adopt an innovative approach that utilizes an online platform to enhance the reflection portfolio used in affective domain assessment. It is augmented with regular sessions of mentoring activities with our students.

EARLY AND EXTENSIVE CLINICAL EXPOSURE

Our curriculum combines a strong emphasis on theory and practice by introducing a wealth of clinical methodologies from Year 1 onwards and formal clinical training conducting from Year 3 onwards.

TEAM-BASED LEARNING

We encourage a structured form of small-group learning that emphasizes application of knowledge in class through problem-based learning. Our academicians believe in learning facts through critical thinking as opposed to rote learning.





DEDICATED ACADEMICIAN

We pride ourselves on having a team of academicians who are not only highly qualified, but are also experienced in academia and are readily approachable to assist students in all aspect of learning.

TOP-NOTCH RESOURCES FOR A QUALITY LEARNING EXPERIENCE



PROGRAMME MATRIX

 Programme	 Awarding Institution	 Campus	 Intake
Bachelor of Medicine, Bachelor of Surgery (M.B.,B.S.)	SEGi University	Kota Damansara and Sibul, Sarawak	May & September

ADMISSION REQUIREMENTS

As of 30th July 2013, the Malaysian Medical Council (MMC) had adopted the following Minimum Criteria & Qualification for the entry into Medical Programmes in Malaysia.

ACADEMIC REQUIREMENTS

All applicants who enter a matriculation, foundation or pre-medical programme, except those with a degree qualification in the arts of humanities, shall have passed and attained a minimum of the following at School Certificate level or its equivalent:

- i Sijil Pelajaran Malaysia (SPM) with 5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject, OR
- ii General Certificate of Education Ordinary "O-Levels" with 5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject.

All applicants with a Unified Examination Certificate (UEC) who enter a matriculation, foundation or pre-medical programme, except those with a degree qualification in arts or humanities, shall have passed and attained a minimum of B4 each in 3 subjects.

- i Unified Examination Certificate (UEC) with B4 each in 3 subjects in Biology, Chemistry, Physics (or Mathematics or Additional Mathematics).

All applicants, except those with a degree qualification in the arts or humanities, shall have passed and attained a minimum of the following at:

a. Higher School Certificate or its equivalent:

- i Sijil Tinggi Pelajaran Malaysia (STPM); grades BBB, ABC or AAC in Biology, Chemistry, Physics or Mathematics, OR
- ii GCE A-Levels; grades BBB, ABC or AAC in Biology, Chemistry, Physics or Mathematics, OR
- iii Matriculation, Foundation in Science, Pre-Medical Course; CGPA 3.0 (out of 4) in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, and provided the course in not less than 1 year in the same accredited institution and the minimum entry qualification is 5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject at School Certificate level or its equivalent, OR
- iv United Education Certificate (UEC); B4 each in 5 subjects i.e. Biology, Chemistry, Physics, Mathematics and Additional Mathematics, OR
- v Monash University Foundation Pre-University Program (MUFY), University of New South Wales (UNSW) Foundation, Western Australia Curriculum Council, HSC Sydney Australia, Trinity College Foundation Studies, Australian Universities Foundation Programmes, South Australian Matriculation (SAM) Victorian

- Certificate of Education Australia Year 12, Australian Matriculation (AUSMAT); aggregate or average of 80% or the equivalent of B in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics; OR
- vi National Certificate of Educational Achievement (NCEA) level 3 or New Zealand Bursary, average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, OR
- vii Canadian Pre-University (CPU) or Canadian International Matriculation Program (CIMP/Canadian Grade 12/13) or Ontario Secondary School Diploma Grade 12; average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, OR
- viii Indian Pre-University; average 70% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, OR
- ix International Baccalaureate; 30 points with a minimum of 2 science subjects or Mathematics at Higher Level (HL) and 1 science subject at Standard Level and attained a minimum score of 4 each in Biology, Chemistry, Physics (or Mathematics).

OR

b. Diploma Level

- i Diploma in Health Science; CGPA 3.5 (out of 4), and provided the course is not less than 5 semesters or 2 ½ years in the same accredited institution and the minimum entry qualification is 2 Bs in Biology, Chemistry or Physics and 3 credits each in English, Mathematics (or Additional Mathematics) and another subject at School Certificate Level or its equivalent.

OR

c. Degree Level:

- i Degree in Health or Pure or Applied Sciences; CGPA 3.0 (out of 4) in a 5-year medical programme, OR
- ii Degree in Health or Pure or Applied Sciences; CGPA 3.3 (out of 4) in a 4-year graduate entry medical programme, OR
- iii Degree in the Arts of Humanities; CGPA 3.5 (out of 4) in a 5-year medical programme, OR
- iv Degree in the Arts of Humanities; CGPA 3.75 (out of 4) in a 4-year graduate entry medical programme.

Language Requirements

All applicants shall have attained a level of competence in English to enable them to complete the course successfully. Graduates from a medical programme who seek employment in the public sector shall attain a credit in Bahasa Malaysia and English at SPM or its equivalent.

Other Requirements

Applicants may be required to pass an aptitude test and / or an interview and / or A university entrance examination.

Clarification

In the event that there are any doubts, or there are no provisions in this guideline, prospective students are encouraged to seek clarification with the Malaysian Medical Council (MMC), www.mmc.gov.my.

BACHELOR OF MEDICINE, BACHELOR OF SURGERY (M.B.,B.S.)

SEGi UNIVERSITY

There are two phases in the curriculum; the Medical Sciences Phase (Phase 1) which is the first two years of study, and the Clinical Phase (Phase 2) which is being carried out in three subsequent years of study. Each phase is strategized to have four blocks and the modules/postings is repackaged and rearranged as follows.

The Medical Sciences Phase also known as pre-clinical phase consists of four blocks which are block 1 (Foundation in Medical Sciences), block 2 (Introduction to Behavioural Science, Clinical and Community Medicine), block 3 (System-Based Medical Sciences I) and block 4 (System-Based Medical Sciences II).

The Clinical phase also comprises 4 blocks which spans over 3 years. These blocks are designated as block 5 (Junior Clerkship), block 6 (Specialty Clerkship I), block 7 (Specialty Clerkship II) and block 8 (Senior clerkship). For contents of each block, please refer to the modules below. Throughout the 5 years of study, subjects on soft skills development are also incorporated such as communication skills, behavioural science, team building, critical thinking, problem solving, leadership and management.

Programme Modules

Medical Sciences Phase (Year 1 & 2)

Block 1

Foundation in Medical Sciences

- Human Anatomy
- Human Physiology
- Basic Biochemistry
- General Pathology
- Basic Pharmacology
- Medical Microbiology
- Medical Immunology

Block 2

Introduction to Behavioural Science, Clinical and Community Medicine

- Biostatistics & Introduction to Community Medicine
- Research Methodology & Mini Research Project
- Clinical Methods & Medical Ethics
- Introduction to Behavioural Science

Block 3

System-Based Medical Sciences I

- Cardiovascular System
- Respiratory System
- Haemopoetic System
- Gastrointestinal & Hepatobiliary System

Block 4

System-Based Medical Sciences II

- Endocrine System
- Genitourinary System
- Central Nervous System
- Musculoskeletal System

All diploma and degree programmes require students to take 4 general subjects (Mata Pelajaran Umum), as required by the Ministry of Education, Malaysia.

The following is an indication of current programme content. However, the rapidly changing nature of the subject area means that the courses offered and individual course content are continuously updated to meet industry needs. Also, please note that certain combinations of options may not be available.

Clinical Phase (Year 3, 4 & 5)

Block 5

Junior Clerkship

- Clinical Foundation
- Internal Medicine 1
- General Surgery

Block 6

Specialty Clerkship I

- General Paediatrics
- Obstetrics & Gynaecology 1
- Orthopaedics & Emergency

Block 7

Specialty Clerkship II

- Community Based Medicine
- Psychiatry, Rehabilitation & Palliative Care
- Combined Specialties Postings
 - Ophthalmology
 - Otolaryngology
 - Forensic Medicine
 - Anaesthesiology

Block 8

Senior Clerkship

- Electives
- Internal Medicine 2
- Surgery & Critical Care
- Obstetrics & Gynaecology 2
- Paediatrics & Neonatology

Career Opportunities

If you wish to practice as a medical doctor in Malaysia, upon graduation, you are required to complete the housemanship programme in public hospitals organised by the Ministry of Health, Malaysia. After completion of the housemanship, you may undertake postgraduate specialist degree programmes in all areas of medicine according to your preferred choice of career paths which will become apparent as you progress through the five-year MBBS programme.



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The best in you, made

POSSIBLE

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SCANME



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