

MEDICINE



SEGi
University

Towards

iR4.0

INTRODUCTION TO SEGi UNIVERSITY

SEGi was established in 1977 as Systematic College in the heart of Kuala Lumpur offering professional qualifications. Since its founding over four decades ago, SEGi has undergone significant growth, strengthening the quality of its wide range of programmes from foundation to doctorate level.

It is one of the most established private higher education institutions in Malaysia with its flagship campus located in Kota Damansara and four other campuses in Subang Jaya, Kuala Lumpur, Penang, and Kuching. Currently, SEGi has a population of 20,000 local and international students across its campuses.

SEGi is recognised as “The first Malaysian University that earned 5 Stars for Prioritising Society’s Needs in Malaysia” by QS Stars, an international evaluation system for universities based on auditing.





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, thus promoting holistic care and emphasising professional and ethical values.

The Bachelor of Medicine and Bachelor of Surgery (MBBS) 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' presentations to health care facilities, it offers a patient - as well as student-centered 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, and 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.

PROF. DR. MOHAMAD RAILI BIN SUHAILI

Dean, Faculty of Medicine

SEGi University

AT A GLANCE

GLOBAL RECOGNITION

- Emerged in the top 45% of the 2021 QS World University Rankings: Asia
- Double Awards from Top 3.3% of Universities Worldwide (The Centre for World University Rankings 2017 (CWUR) University of Central Lancashire (UCLAN)
- MQA Fully-Accredited Programmes
- 2017 QS Overall 3-star rating with 5-star rating in teaching, facilities, social responsibility, and inclusiveness

SKILLS ENRICHMENT & SUPPORT

- More than 100 SEGi Enrichment Programmes in the areas of leadership, communication, and grooming skills (among others) to enhance students' learning experience
- Academic Skills Unit to assist students in academic writing and effective study, research techniques, time management, academic integrity, and exam preparation
- Mentor-Mentee system to provide guidance to students on academic matters and to foster a close and constructive professional relationship between students and lecturers

EXCELLENT TEACHING, LEARNING & RESEARCH

- SETARA 2018/2019 5-star rating for SEGi University in the Emerging Universities (Universities which have been established within the last 15 years) category
- QS 5 Stars Rated for Excellence in Teaching
- QS 5 Stars Rated for Facilities
- SETARA, 2017 scored above medium of 83 in the category of Teaching and Learning
- Independent students' 2017 evaluation rating: more than 95% of students rated our lecturers for excellence in teaching
- Student to academic staff ratio 21:1, based on SETARA (2017)
- Research-led environment

GLOBALLY RECOGNISED,
DISTINCTIVELY SEGi.

OUR 6 COMPETITIVE ADVANTAGES

SCHOLARSHIPS

- 1st Malaysian University that earned 5 Stars for Prioritising Society's Needs in Malaysia (by QS Stars)
- Over RM100 million worth of Group scholarships awarded in the past 40 over years
- QS 5 Stars rated for inclusiveness and social responsibility

STUDENT SATISFACTION

- 80% of students are willing to recommend their friends and family to study with us

INDUSTRY DRIVEN GRADUATES

- 2017 SETARA Graduate Employability 85%



TOP-NOTCH RESOURCES FOR A QUALITY LEARNING EXPERIENCE

FULLY ACCREDITED BY THE MQA

Our MBBS programme is fully accredited by the Malaysian Qualification Agency (MQA) and the Malaysia Medical Council (MMC)

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.

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 conducted from Year 3 onwards.

CLINICAL TEACHING

We are privileged to conduct our clinical teachings at Sibu Hospital exclusively, which provides excellent case mix and patient access.

COLLABORATION WITH LECTURIO

We prepare our students to be globally competitive and United States Medical Licensing Examination (USMLE) ready.

DEDICATED ACADEMICS

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

PROGRAMME MATRIX

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

ADMISSION REQUIREMENTS

As of 17th December 2019, 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 3 subjects i.e. Biology, and Chemistry, and Physics or Mathematics, OR
- ii GCE A-Levels; grades BBB, ABC or AAC in 3 subjects i.e. Biology, and Chemistry, and Physics or Mathematics, OR
- iii Matriculation, Foundation in Science, Pre-Medical Course; CGPA 3.0 (out of 4) in 3 subjects i.e. Biology, and Chemistry, and Physics or Mathematics, provided no score for any subject is less than C (GPA 2.0) and provided the course is not less than 1 year in the same accredited institution and the minimum entry qualification is 5 Bs each in Biology, and Chemistry, and Physics, and 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 Programme (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 the equivalent of B in 3 subjects i.e. Biology, and Chemistry, and Physics or Mathematics; or 80% ATAR provided the subjects include Biology, Chemistry, and 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, and Chemistry, and 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 3 subjects i.e. Biology, and Chemistry, and Physics or Mathematics, OR
- viii Indian Pre-University; average 70% in 3 subjects i.e. Biology, and Chemistry, and 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, and Chemistry, and 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 2½ years in the same accredited institution and the minimum entry qualification is 2 Bs in Biology, and/or Chemistry, and/or Physics and 3 credits each in English, and 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), 5-year medical programme, OR
- ii Degree in Health or Pure or Applied Sciences; CGPA 3.3 (out of 4), 4-year graduate entry medical programme, OR
- iii Degree in the Arts of Humanities; CGPA 3.5 (out of 4), 5-year medical programme, OR
- iv Degree in the Arts of Humanities; CGPA 3.75 (out of 4), 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 shall be required to undergo 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 from 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 carried out in three subsequent years of study. Each phase is strategised to have four blocks and the modules/postings are 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

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

Block 3

System-Based Medical Sciences I

- Cardiovascular System
- Respiratory System
- Haematopoietic System
- Gastrointestinal & Hepatobiliary System

Block 4

System-Based Medical Sciences II

- Endocrine System
- Genitourinary System
- Central Nervous System
- Musculoskeletal & Connective Tissue 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.

Clinical Phase (Year 3, 4 & 5)

Block 5

Junior Clerkship

- Clinical Foundation & Basic Life Support
- 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 practise 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 programme in an area of medicine according to your preferred choice of career path which will become apparent as you progress through the five-year MBBS programme.

segiuniversity.edu.my



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