

# BIOMEDICAL SCIENCE

 **Experienced** lecturers

 **Close collaboration** with the industry

 **100%** employability rate



**SEGi**  
University &  
Colleges

**18,000**  
Students



**550** Academics | **9.1%** foreign faculty staff

**546**  
Management & support staff



Quality education accredited and assured by the Malaysian Ministry of Education and other organisations



Internal processes in compliance with international standards

ISO 9001:2015 Certified



Cert no: MY14/05009

Cert no: MY14/01588



## INTRODUCTION TO

# SEGi UNIVERSITY & COLLEGES

Established for more than 46 years, SEGi has equipped graduates from diverse backgrounds with exceptional foundations for career achievement and personal success.

SEGi first opened its doors as Systematic College in 1977 in the heart of Kuala Lumpur's commercial district, offering professional qualifications. Since then, SEGi has experienced significant growth by adapting and catering to an increasing demand for higher academic and professional qualifications in Malaysia.

Today, SEGi is one of the largest private higher education providers in Malaysia and serves more than 18,000 students through its five major campuses located in Kota Damansara, Kuala Lumpur, Subang Jaya, Penang and Kuching. With programmes tailored to meet both industry and student needs, SEGi graduates have easily found employment and many have gone on to become leaders of their respective industries.

# BBMS: YOUR PATHWAY TO A FASCINATING & REWARDING CARE



The QS Stars™ rating system has been operated by the QS Intelligence Unit, the independent compiler of the QS World University Rankings® since 2004. The system evaluates universities across various important performance indicators as set against pre-established international standards. By covering a broader range of criteria than any world ranking exercise, QS Stars™ shines a light on both the excellence and the diversity of the rated institution.



# ER

**S**EGi University achieved a significant milestone when the higher-education provider became the first and only education institution to be awarded the QS 5 Stars Rating for Special Criteria: Bachelor of Medicine, Bachelor of Surgery (MBBS).

This recognition is among the eight evaluations for which SEGi have attained the overall QS 5 Stars Plus Rating in the QS World University Rankings 2022, published on 2 November 2021.

The QS Stars rating system evaluates universities across a broad spectrum of important performance indicators, which are set against pre-established international standards, covering a wider range of criteria than any other world ranking application.

SEGi University scored the exceptional QS 5 Stars Rating in the categories: Teaching, Internalisation, Online Learning, Arts & Culture, Employability, Academic Development, Inclusiveness and Specialist Criteria: Bachelor of Medicine and Bachelor of Surgery (MBBS).

This outstanding achievement places SEGi as one of only 20 universities worldwide, and one of only two Malaysian universities, that have been awarded the acclaimed QS 5 Stars Plus Rating.



Teaching



Internationalisation



Online Learning



Arts & Culture



Employability



Academic Development



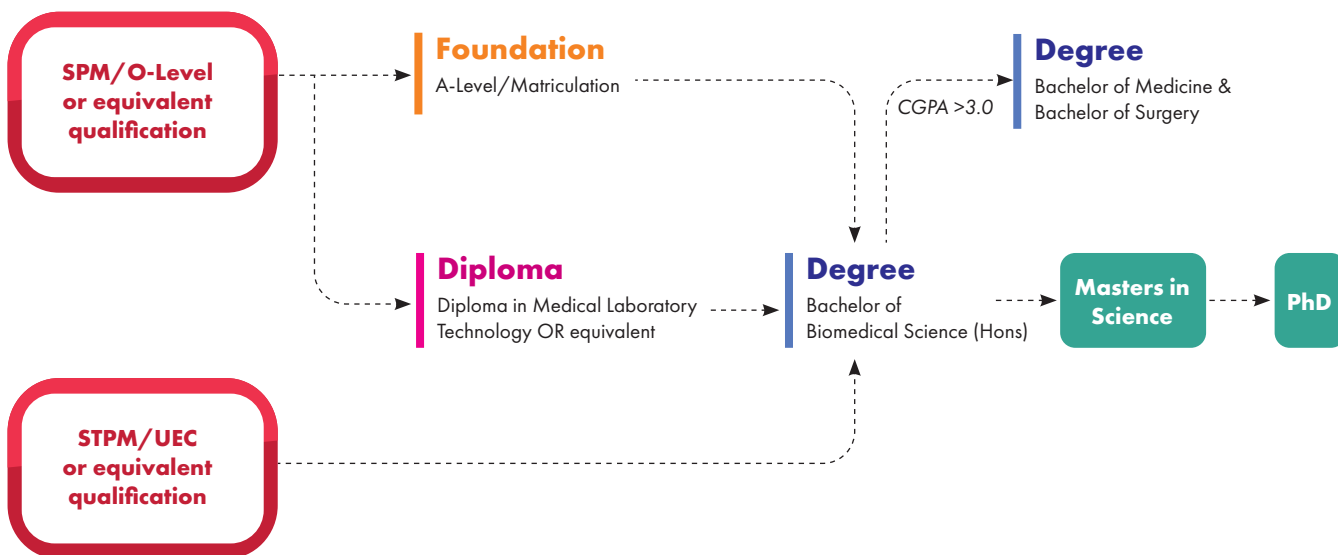
Bachelor of Medicine and  
Bachelor of Surgery (MBBS)



Inclusiveness

# STUDY ROUTE

## PATHWAY TO BACHELOR OF BIOMEDICAL SCIENCE (HONS) AT SEGi UNIVERSITY



### ENTRY REQUIREMENTS

- Obtain MUET Band 3 or IELTS 5.5/TOEFL 550 AND
  - i) Pass Matriculation/Pre-University/STPM or its equivalent with a minimum CGPA of 2.33 in any TWO of the following subjects:
    - Biology • Physics/Mathematics • Chemistry **OR**
  - ii) Unified Examination Certificate (UEC) with minimum GRADE B in 5 subjects which include the following subjects:
    - Biology/Physics AND Chemistry **OR**
  - iii) A-Level or its equivalent with minimum GRADE D in any TWO of the following subjects:
    - Biology • Physics/Mathematics • Chemistry **OR**
  - iv) Recognised diploma with a minimum CGPA of 2.75 in related field **OR**
  - v) Recognised diploma with CGPA less than 2.75 in related field and a minimum of 3 years (36 months) working experience in related field

### Intake

May & September

### Duration

3 years

# BACHELOR OF BIOMEDICAL SCIENCE (HONS)

KD [R/725/6/0048] (08/26) (MQA/FA4147)

The Bachelor of Biomedical Science (Hons) offered at SEGi University is a 3-year programme which is in-line with the National Higher Education Strategic Plan to produce a desirable percentage of scientists and researchers in Malaysia.

The programme encompasses the study of medical sciences which include anatomy, physiology, human genetics and genomics, medical biochemistry, medical microbiology, medical immunology, diagnostic pathology, pharmacology, laboratory management, and others. In the programme, students will also undertake research project, industrial training, and study technology in medical methods and equipment. The personal development programme included in this programme such as communication skills, the study of psychology and behavioural sciences, entrepreneurial skills, and business ethics will further enhance the students with the skills and knowledge needed for the new and challenging world.

The BBMS graduates of SEGi University will not only fulfill the nation's needs for scientists and researchers but they are also highly trained skilled graduates with the technical know-how in medical sciences technology and knowledge. Upon completion of the programme, the University will produce students with skills and talents in diagnostic, analytical, managerial, and research competencies.

With the strategic learning methods and experiences adopted by SEGi University, graduates are equipped with competencies required to seek employment in various industries of choice. These include pharmaceutical companies, hospitals, community health centres, biotechnology companies, universities, research institutes, laboratories, medical/clinical diagnostic laboratories, blood banks, education industries, and many more.

## Career Opportunities

- Biomedical Scientist
- Research Scientist
- Scientific Journalist
- Health Informatician
- Bioinformatician
- Patent Advisor
- Clinical Biochemist
- Clinical Cytogeneticist
- Immunologist
- Microbiologist
- Toxicologist
- Science Officer
- Medical Underwriter
- Academician
- Medical Device Sales Consultant
- Medical Product Specialist
- Medical Product Consultant
- Other Healthcare Industry

## Programme Modules

- Human Anatomy & Physiology
- Medical Biochemistry
- Medical Microbiology
- Haematology
- Transfusion Science & Blood Banking
- Biostatistics
- Medical Parasitology and Entomology
- Human Genetics and Genomics
- Fundamentals of Health Informatics
- Diagnostic Pathology
- Medical Immunology
- Epidemiology & Public Health
- Pharmacology
- Toxicology
- Communication Skills
- Introduction to Behavioral Science
- Laboratory Management
- Business Ethics
- Entrepreneurship
- Clinical Diagnostic Technology
- Molecular Biology Technology
- Intellectual Properties, Bioethics, Biosafety and Biosecurity
- Biomedical Science Laboratories Placement
- Research Methodology
- Research Project
- Industrial Training





**SEGi University** (100589-U)

☎ 603 6145 1777    📞 011 1501 8838

**SEGi College Kuala Lumpur** (42114-V)

☎ 603 2070 2078    📞 012 988 7482    📞 1800 88 8028

**SEGi College Subang Jaya** (284515-V)

☎ 603 8600 1777    📞 010 313 0303

**SEGi College Penang** (187620-W)

☎ 604 263 3888    📞 013 629 4880

**SEGi College Sarawak** (172726-T)

☎ 6082 252 566    📞 017 859 2566    📞 1300 88 7344

**Regional Centre:**

**SEGi University Regional Centre, Johor Bahru**

☎ 607 235 9188    📞 010 313 0303

The best in you, made

**POSSIBLE**

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[segi.edu.my](http://segi.edu.my)

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**SCAN HERE**

