

BIOMEDICAL SCIENCE



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



SEGi
University



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.



WE PRIORITISE YOUR NEEDS

SEGi CONNECT!

(Located at 1st and 2nd Floor)

We ensure your first experience of stepping into the next chapter of your life is as smooth and memorable as possible! From the moment you come into SEGi for your registration, we will be there to guide you through the whole process. We are with you even before you enter your first class, and we will be in contact continually throughout your studies until we know you are fine on your own.

ACADEMIC LEARNING SUPPORT

(Located At 2nd Floor)

Our Academic Skills Unit (ASU) was established to provide learning support and academic enhancement services for students. Our services include:

- assignment-writing
- thesis-construction
- language proficiency
- research brain-storming studying skills

EMPLOYMENT READINESS PROGRAMME

(By Student Affairs Department)

We provide pre-Internship and pre-employment workshops to instil employment values as you venture from academic to work life.

Our in-house "soft skills" training will prepare you for internship placement and employment upon graduation.

During Your Studies

Before You Graduate

GLOBAL INDUSTRY EXPOSURE

(Your Faculty)

- We enrich your learning experience by exposing you to local and global industry practices.
- We strategically network with industry leaders to foster long-term, multi-dimensional relationships.
- We apply academic expertise to generate socially relevant and high impact research activities with industry and community stakeholders.

STRONG GLOBAL INDUSTRY LINKAGES

(Career Office at 2nd Floor)

- We offer you the opportunity to join more than 1000 companies worldwide.
- There are Career Fair within campus just for you.

MENTOR MENTEE SYSTEM

(Your Lecturers)

The learning culture in higher education is very different from high school. Mentor-Mentee programme at SEGi University is aimed at guiding you to be independent learners and help you fit into this new culture. It is also a system that helps those who may need more guidance academically.

SEGi ENRICHMENT PROGRAMME

(Every Wednesday Afternoon)

SEGi ENRICHMENT PROGRAMME aims to reduce unemployment issues and ensures our students are industry-ready by providing opportunities to hone their soft skills through more than 100 structured and specially designed seminars, workshops, conferences, symposiums and training sessions, developed based on industry and professional bodies' feedback.

AT A GLANCE

GLOBAL RECOGNITION

- 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

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

EXCELLENT TEACHING, LEARNING & RESEARCH

- 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



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
- Technology-supported learning using the Blackboard learning management system

STUDENT SATISFACTION

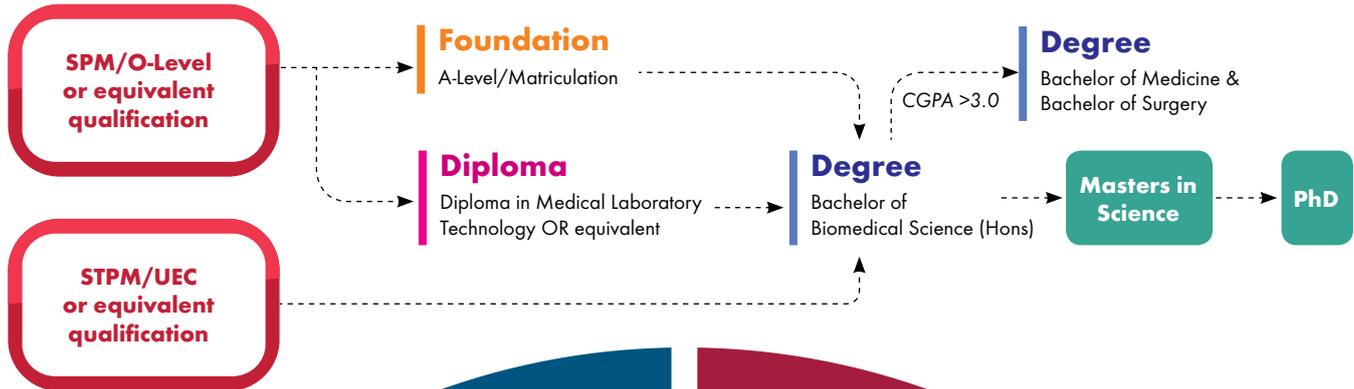
- 80% of students are willing to recommend their friends and family to study with us

INDUSTRY DRIVEN GRADUATES

- 2017 SETARA Graduate Employability 85%



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



RESEARCH-BASED PROGRAMME

The programme places a strong emphasis on research that form the basis of research productivity. Students who are inclined towards health science research will benefit from the opportunity.

OUR LABORATORIES

Our labs (e.g., Power Lab, Anatomy Dissection Hall, and Multi-disciplinary Lab) offer the best instrument and equipment (e.g., Electrocardiogram, Cardiac Stress Test equipment, and mannequin) to familiarise students with laboratories operation and improve their understanding on laboratory techniques and laboratory results analysis.

EXPERIENCED ACADEMICIAN

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

TOP-NOTCH RESOURCES FOR A QUALITY LEARNING EXPERIENCE

STUDENT-CENTERED LEARNING APPROACH

We place a strong emphasis on students' interest to foster the development of skills for problem solving, critical thinking, and communication as we try to shape students to become lifelong learners.

INDUSTRIAL TRAINING

We offer at least 6 months industrial training in selected relevant industries. Opportunities are aplenty in hospitals and diagnostic laboratories.

MENTORING

We adopt an innovative approach that utilises enhanced reflection portfolio for affective domain assessment. It is augmented with regular sessions of mentoring activities with our students.



BACHELOR OF BIOMEDICAL SCIENCE (HONS)

SEGi UNIVERSITY

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 includes 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 an elective period to 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 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 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, Biomedical research institutes, Forensic laboratories, Food/Food Supplement production companies, Medical/Clinical/Veterinary diagnostics laboratories, Blood Banks, Education industries, and many more.

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
- Forensic Toxicology
- Communication Skills
- Psychology and Behavioral Science
- Laboratory Management
- Business Ethics
- Entrepreneurship Development
- Clinical Diagnostic Technology
- Molecular Biology Technology
- Intellectual Properties, Bioethics, Biosafety and Biosecurity
- Research Methodology
- Research Project
- Biomedical Science Laboratories Placement
- Industrial Training

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

N/721/6/0048 KD CAMPUS

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) United Education 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 Dates

May & September

Duration

3 years

STUDENT TESTIMONIALS



"I've always enjoyed gaining more knowledge and I love that science is like a never-ending puzzle that you can continue to solve and it gets more exciting over time. The programme itself is well organised and the staff/lecturers are friendly."

Nur Nazirah Nasir
BBMS



"I joined the BBMS Programme in SEGi because the lecturers are good and their teaching methods are easy to understand. I'm able to achieve distinction when I put more efforts and pay more attention in class. I enjoy the facilities here especially the library which contains a good collection of reference books. It is fun and enjoyable to study this course and I believe this programme will provide me with diverse job opportunities in the future."

Joel Banner
BBMS



"The programme is interesting and thoroughly thought-out, with excellent lecturers. The syllabus, subjects, and facilities provided are better compared to other universities. The learning environment that SEGi provides to the students is amazing. The laboratories are fully equipped. SEGi is indeed a nice place to study in because SEGiians from all over the world make me feel welcomed."

Annabelle Rita Clothilde
BBMS



"I feel convenient and comfortable to study at SEGi. SEGi has provided me the best study environment. The lecturers here are helpful. Overall, it is a good experience for me being in SEGi."

Loshni A/P Thanabalan
BBMS



"The reason I chose SEGi is because I feel the warmth of the people here. The lecturers and staff make me feel at home: SEGiians encourage me. I always believe that no matter how much hardship I have to go through, SEGi will always show me the way."

Jerusha Alethia A/P Francis Xavier
BBMS



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The best in you, made
POSSIBLE

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