

BIOMEDICAL SCIENCE



SEGi University Kota Damansara (DU031-B)
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POSSIBLE

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



SEGi
University &
Colleges

BACHELOR OF BIOMEDICAL SCIENCE (HONS)

SEGi UNIVERSITY

The Bachelor of Biomedical Science (Hons) offered at SEGi University is a 3 - 4 years* programme which is in-line with National Higher Education Strategic Plan to produce a desirable percentage of scientist 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 equipments. 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 currently demanded ready for the new and challenging world.

The BBMS graduates of SEGi University will not only fulfill the nation needs as scientist 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 / Cosmetics 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
- Environmental Management and Technology
- Clinical Diagnostic Technology
- Molecular Biology Technology
- Intellectual properties, Bioethics, Biosafety and Biosecurity
- Research Methodology
- Research Proposal & Preparation
- Research Project
- Technology Electives
- Industrial Training

Career Opportunities

- Biomedical Scientist
- Research Scientist
- Scientific Journalist
- Medical Information Officer
- Bioinformatician
- Patent Advisor
- Clinical Biochemist
- Clinical Cytogeneticist
- Haematologist
- Immunologist
- Microbiologist
- Toxicologist
- Science Officer
- Medical Underwriter
- Academician
- Medical Device Sales Consultant
- Medical Product Specialist
- Medical Product Consultant

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 GPA of 2.33 in TWO of the following subjects:
 - Biology
 - Physics/Mathematics
 - Chemistry **OR**
 - ii) A-Level or its equivalent with minimum GRADE D in TWO of the following subjects:
 - Biology
 - Physics/Mathematics
 - Chemistry **OR**

- iii) Recognised diploma with a minimum CGPA of 2.75 in related field **OR**
- iv) Recognised diploma with CGPA less than 2.75 in related field and a minimum of 3 years (36 months) working experience in related field
- Obtain IELTS 5.5/TOEFL 550 (foreign students)

Intake Dates

May & September

Duration

3 - 4 years*

*Subject to Malaysian Qualifications Agency (MQA) approval

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

