



### Bandar Saujana Putra

MAHSA's 50 acre Saujana Putra Campus has proudly seen the first phase of its introduction to the Malaysian education landscape.

The Saujana Putra Campus has a total of 1 million square-feet of buildup area with on-campus residences for all students along with a host of praise-worthy academic facilities.

These superior teaching facilities coupled with its "Green Building" design provides an optimal learning environment to produce vibrant student leaders, and an ideal, modern yet comfortable, home away from home for students, both local and international.



### MAHSA UNIVERSITY

*Bandar Saujana Putra Campus*

Jalan SP2, Bandar Saujana Putra, 42610 Jenjarom, Kuala Langat, Selangor, Malaysia. Tel: +603-5102 2200

☎ 1800 88 0300 📧 marketing@mahsa.edu.my 🌐 www.mahsa.edu.my



**MAHSA**  
UNIVERSITY



Dual Award with  
**Anglia Ruskin**  
University  
UNITED KINGDOM





# What Is Biomedical Sciences Degree?

The degree provides a broad-based training in the application of the principles of the natural sciences to medicine for the understanding of human health. Students learn of the causes, the diagnosis and the monitoring of treatment of human disease from the perspective of the pathology laboratory.



## THE MAHSA UNIVERSITY - ANGLIA RUSKIN UNIVERSITY (ARU) DUAL AWARD

Bachelor of Biomedical Sciences (Hons) is a full time 4-year degree programme offered and conducted by MAHSA University, Malaysia with quality assured by Anglia Ruskin University, UK. The curriculum of this course is developed in MAHSA University and validated by the Anglia Ruskin University as per the UK standards. The quality of delivery is maintained through regular audits by them and all assessments of the programme are moderated by Anglia Ruskin faculties to maintain equity among students. Upon successfully completing the degree programme at MAHSA University, Kuala Lumpur, Students will receive a dual award from both MAHSA University and Anglia Ruskin University, UK.

Anglia Ruskin and MAHSA have been consistently praised for the quality of its teaching and learning methods. Lecturers at both institutions have extensive experience in the Biomedical Sciences profession and many are renowned in their respective fields. Facilities are of a high standard with modern lecture theatres, laboratories and IT suites, complete with specialised equipment and software. Anglia Ruskin / MAHSA BMS students will be given the same access to library facilities and e-learning facilities as UK based BMS students.

## CAREER PROSPECTS

Since the training is broad-based, graduates have a wide range of career choices.

Graduates with this degree have excellent career prospects in:

- Hospital pathology services
- Biomedical research at universities and research institutions
- Pharmaceutical industries • Biotechnology industries
- Diagnostics industries • Veterinary or animal science
- Forensic science • Scientific departments of the civil service
- Teaching • Scientific writing

The Biomedical Science degree is also a stepping stone for graduates to continue their studies in medicine, dentistry or to a higher degree in science MSc, PhD.

Graduates in biomedical sciences may progress to acquire MBAs to hold managerial positions in health-related industries.

## PROGRAMME STRUCTURE

The course involves study of the following subjects:

- Biochemistry • Genetics • Immunology
- Microbiology • Molecular biology • Pathology
- Anatomy and Physiology • Pharmacology, Toxicology
- Professional skills, Laboratory Management
- Analytical techniques, Instrumentation, Cell culture

The following specialist disciplines of pathology are also taught:

- Cellular pathology, Cytology • Clinical biochemistry
- Medical microbiology, Parasitology
- Haematology • Transfusion science

Research training will be provided by way of a research project in the final year.

Students have the opportunity of gaining valuable work experience in a clinical laboratory during the course by way of placement after year 1.

Teaching is undertaken by permanent staff of the Department of Biomedical Sciences and other departments of MAHSA.

## ENTRY QUALIFICATIONS

- Pass STPM / Matriculation / Pre-University or equivalent qualification with minimum GPA 2.33 in 2 of the following subjects: Biology / Physics or Mathematics / Chemistry
- OR;

- A-Levels or equivalent qualification with minimum Grade D in 2 of the following subjects: Biology / Physics or Mathematics / Chemistry
- OR;

- Recognized Diploma with minimum CGPA of 2.75 in related field
- OR;

- Recognized Diploma with CGPA less than 2.75 in related field and a minimum of 3 years (36 months) working experience in the related field

### English Proficiency:

Malaysian candidates: MUET Band 3

International candidates: IELTS (5.5) / TOEFL (550) (if qualification obtained is from an institution where English is not the medium of instruction)



MAHSA provides students with a comprehensive understanding of all aspects of human health and disease from the perspective of the diagnostic laboratory.



Bachelor of  
**BIOMEDICAL SCIENCES (Hons)**  
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