



**MAHSA**  
UNIVERSITY

# DOCTOR OF DENTAL SURGERY

KPT/JPS ( R/724/6/0015 ) ( MQA/FA 4153 ) 08 / 26

**FACULTY OF DENTISTRY**

“

"Every tooth in a man's head is more valuable than a diamond."

**- Miguel de Cervantes  
Spanish Novelist, Playwright, Poet,  
The Creator of Don Quixote**

”

# OVERVIEW

Dentistry is a unique career that provides plenty of rewards and challenges and is a highly respected profession. Healthy smiles are created with the use of cutting-edge technology and the combination of scientific knowledge and artistic talent. Dentists have the opportunity to provide benevolent care in the community by helping people enhance and maintain their oral health.

The modules taught in this degree programme are an integration of biomedical, clinical and behavioural sciences, with particular emphasis on human anatomy, craniofacial biology, physiology, biochemistry, and microbiology. Apart from that, the study of pathology, pharmacology, human organ systems, associated disease processes, emergency procedures, infection control, oral health diseases, biomaterials, operative dentistry, prosthodontics, oral surgery, public health and community dentistry make up a large portion of the syllabus.

At the end of this programme, students will have procured for themselves the ability to carry out various dental tasks, from basic dental procedures such as tooth extraction and repair of oral imperfections to complex and complicated procedures such as root canal and prosthodontic treatment. They will have the ability to diagnose, treat and prevent dental diseases besides accepting professional responsibility for the effective and safe care of their patients. The dental graduates will be well prepared to serve the community and fill distinguished positions at the helm of the dental profession in both the public and private sectors both locally or internationally.

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## PROGRAMME STRUCTURE

### Year 1

- Anatomy
- Physiology
- Biochemistry
- Oral Biology

### Year 2

- Microbiology
- Pathology
- Pharmacology
- Dental Materials & Equipment

### Year 3

- General Medicine
- General Surgery
- Oral Pathology & Oral Medicine
- Dental Radiology

### Year 4

- Prosthetic Dentistry
- Paediatric Dentistry
- Periodontology

### Year 5

- Conservative Dentistry
- Oral Maxillofacial Surgery
- Orthodontics
- Dental Public Health
- Family Dentistry

### General Modules

- English Language
- Youth Development
- Community Work
- TITAS
- Ethnic Relations

### INTERNATIONAL STUDENTS:

- Communications in Malay 3
- Malaysian Studies

# PROGRESSION PATHWAY



**STPM / A-LEVEL  
OR EQUIVALENT**



**SPM /  
O-LEVEL**



**FOUNDATION  
IN SCIENCE /  
MATRICULATION**



**DDS  
(5 YEARS)**



**REGISTER WITH  
MALAYSIAN  
DENTAL COUNCIL  
COMPULSORY  
SERVICE - 1 YEAR**



**DIPLOMA /  
BACHELOR  
DEGREE**

## RESPONSIBILITIES AFTER GRADUATING\*

- To decide whether to practise or defer practising for the time being
- To register with the Malaysian Dental Council (MDC)
- To apply for an interview with the Public Services Commission
- To obtain the letter of appointment as a civil servant
- To decide whether to serve at the Ministry of Health (MOH), Ministry of Defence (MINDEF) or the Ministry of Education (MOE) in Malaysia.

*\*for Malaysians only*

Fully accredited by Malaysian  
Qualifications Agency (MQA)  
Recognized by Sri Lanka Medical  
Council (SLMC) Bangladesh Medical  
and Dental Council (BMDC)



**SPECIALISATION  
(1+3 YEARS)**

## HOSPITAL-BASED

- ORAL SURGERY
- PAEDIATRIC DENTISTRY
- SPECIAL NEEDS DENTISTRY
- ORAL MEDICINE AND ORAL PATHOLOGY
- FORENSIC ODONTOLOGY
- ORAL AND MAXILLOFACIAL IMAGING

## NON-HOSPITAL BASED

- ORTHODONTICS
- PERIODONTICS
- RESTORATIVE DENTISTRY
- DENTAL PUBLIC HEALTH

## ENTRY REQUIREMENTS

### ACADEMIC QUALIFICATION

**STPM/A-levels  
Matriculation/Foundation  
in Science/Pre-Medical Course**

**UEC  
Diploma in Health Sciences**

**Degree in Arts/Humanities  
Degree in Medical Sciences**

**Qualification other then the above  
will be referred to the registrar**

**English Proficiency**

### REQUIREMENTS

- ◆ Grades BBB, ABC or AAC in 3 subjects (Biology, Chemistry, Physics/Mathematics).
- ◆ Minimum CGPA 3.00 in 3 subjects (Biology, Chemistry, Physics/Mathematics) and provided the course is not less than 1 year in the same accredited institution and the minimum entry qualification is 5 Bs in subject Biology, Chemistry, Physics, Mathematics/Additional Maths & 1 other subject at school certificate level; or
- ◆ B4 in 5 subjects (Biology, Chemistry, Physics/Mathematics); or
- ◆ Minimum CGPA 3.50 and provided the course is not less than 5 semesters or 2 1/2 years in the same accredited institution and the minimum entry qualification is 5 B's each in Biology, Chemistry, Physics, Mathematics/Additional Maths & 1 other subject at school certificate level; or
- ◆ Minimum CGPA 4.0 (4-years Arts/Humanities Programme)
- ◆ Minimum CGPA of 3.3 (5-year Medical Sciences programme)
- ◆ Minimum CGPA of 3.5 (4-year Medical Sciences programme)
- ◆ MUET : Band 4 | IELTS : 6 | TOEFL : 550

## FUTURE OPPORTUNITIES

Demand for dental care continues to grow due to increasing life expectancy. With increased awareness of oral health care, more adults keep their teeth longer. Effective treatments through advancements in technology render treatment patient-friendly.

## CAREER OPPORTUNITIES

- Ministry of Health or Defence
- **Universities (Public or Private)**
- Private Practice (Solo/Partnered/Group or Hospitals)
- **Dental Industries**

# OVERVIEW

## OF DENTISTRY AS A CAREER

### Provide an Essential Health Service

Personal satisfaction is derived through helping people maintain and improve their oral health, quality of life and appearance.

### Status & Prestige

Dentists are highly regarded by the communities they serve through their contributions to society. Many have proven to be socially conscious, civic-minded professionals with a distinguished history of leadership in improving community oral health.

### Unleash Your Creativity

The delivery of patient services requires a combination of artistic judgment and manual dexterity. As the world moves forward digitally, computer applications are increasingly used to complement scientific knowledge and technical skills.

### A Balanced & Flexible Lifestyle

Offers the flexibility of work-life balance. There are a number specialisation in which a dentist

can choose based on interest and lifestyle needs. .

### Independence & Self-Employment

Most dentists look forward to being their own boss as this career provides the opportunity to open a private practise which not only gives them the leverage of independence, but the chance to accentuate their professional services for the community.

### Demand & Earning Potential

A dentist's average income is relatively on the highest side. Demand for dental care is projected to grow with population growth and appreciation of preventive service. As countries develop and the population greys, maintenance on existing dental work adds to the demand.

### Variety of Work

No career comes without its challenges, but as a dentist, the chance to work with a diverse group of patients not only makes the work interesting but it exposes

one to an extensive amount of career experience.

#### • Detection of Diseases

Dentists are often the first healthcare providers to identify oral illnesses, such as oral mucosal lesions, cancer, systemic diseases and many more.

#### • Prevention through Education

Patients are educated on how to maintain oral health for disease prevention. Dentist also take on leadership roles through community-based preventive programs such as water fluoridation, oral cancer screening, oral health promotion and more.

#### • Research

Work in research will contribute towards knowledge of oral diseases, treatment techniques and materials for better management of patients.

## WHY STUDY WITH MAHSA



Excellent Academic Staff



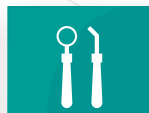
Competency-Based Training



Dental Industry Exposure



Good Student-to-Dental Facility Ratio



Dental Simulation Clinics



Fully-Equipped Laboratories



Private & Public Sector Attachment

## CURRICULUM

The Curriculum for the degree of Doctor of Dental Surgery will have a balance of the following:

- Theory and Concept
- Clinical Competencies
- Humanity and Communication Skills

The curriculum is designed to enable the teaching and learning process to focus on the functions of the dental surgeon as a professional with high ethical standards. Students will be guided in cultivating the attitude of wanting to know more and to develop their clinical skills with appropriate judgement capabilities for competent and safe management of patients. Students will develop an understanding for audits and clinical governance as well. Our dental graduates will be of the highest quality and will be well prepared to serve the community.

# MAHSA360

At MAHSA University, we provide our students with the opportunity to develop quality skills and understanding that go beyond their field of study which will prepare them for their next leap upon graduation.

MAHSA 360 is our specially designed ecosystem that works to ensure every student is nurtured and supported throughout their student journey.



## MAHSA'S PASSPORT TO SUCCESS



Professional Industry-Driven Education (P.R.I.D.E) is MAHSA University's specially designed education pathway that give students the best of both academic and professional certifications. Students have the opportunity to gain professional skills through various programmes from MAHSA's collaborations with internationally recognised professional bodies. P.R.I.D.E increases the employability rate of our fresh graduates and puts them on par with the rest in the professional world.

### MASTERCLASS

Students of this programme are eligible to gain add-on certification in Masterclasses. There are more than fifty Masterclasses to choose from, and all are designed to further enhance the student's employability, in line with the Industrial Revolution 4.0.

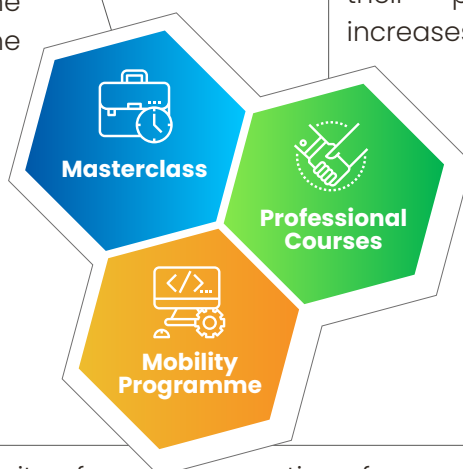
### PROFESSIONAL COURSES

Through MAHSA's collaboration with internationally recognised professional bodies, students will earn certifications that will enhance their professional skills and increases their employability rate.

### MOBILITY PROGRAMME

This is a unique opportunity for students to study abroad for up to one year. This programme lets students experience different cultures and

practices from around the world. Ask us about our university partners in over fifty different countries.





# MAHSA

U N I V E R S I T Y

# BE MORE



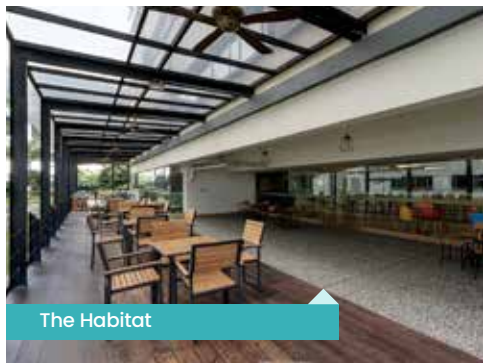
Dental Simulation Clinic



Residences



Dental Research Lab



The Habitat



Library





Prosthetic Laboratories

Contact us  
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