



MAHSA
UNIVERSITY

DOCTOR OF DENTAL SURGERY

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

FACULTY OF DENTISTRY

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"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 the repair of oral imperfections to complex and complicated procedures such as root canals 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

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'S
DEGREE**



**SPECIALISATION
(1+3 YEARS)**



HOSPITAL-BASED

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

NON-HOSPITAL BASED

- ORTHODONTICS
- PERIODONTICS
- RESTORATIVE DENTISTRY
- DENTAL PUBLIC HEALTH

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 in the Ministry of Health (MOH), Ministry of Defence (MINDEF) or the Ministry of Education (MOE) in Malaysia.

**for Malaysians only*

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

ENTRY REQUIREMENTS

ACADEMIC QUALIFICATION

STPM/A-levels

◆ Pass with minimum 3B / 2A 1C / 1A 1B 1C in Biology, Chemistry, and Physics / Maths

Matriculation/Foundation in Science/Pre-Medical Course

◆ Pass with CGPA 3.00 in 3 subjects: Biology, Chemistry, Physics / Maths and Grade B in 5 subjects at SPM or equivalent in Biology, Chemistry, Physics, Maths/Add Maths, and 1 other subject.

NOTE: The course should not be less than 1 year in the same accredited institution and the minimum entry qualification.

UEC

◆ Pass with Grade B4 in 5 subjects Biology, Chemistry, Physics, Maths and Add Maths

Diploma in Health Sciences

◆ Diploma in Health Science with CGPA 3.50 and Grade B in 5 subjects at SPM/equivalent in Biology, Chemistry, Physics, Maths/Add Maths and 1 other subject. Diploma in Microbiology (UiTM) with CGPA 3.00

Degree in Arts/Humanities

◆ Minimum CGPA 4.0 (4-years Arts/Humanities Programme)

Degree in Medical Sciences

◆ Minimum CGPA of 3.3 (5-years Medical Sciences programme)

Qualification other than the above will be referred to the registrar

◆ Minimum CGPA of 3.0 (4-years Medical Sciences programme)

English Proficiency

◆ MUET: Band 4 | IELTS: 6 | TOEFL: 550

FUTURE OPPORTUNITIES

The 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

The profession offers the flexibility of work-life balance. There are a number of specialisations 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 practice 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 one of the highest. The demand for dental care is projected to grow with population growth and the 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 also 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.

• 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 programmes 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:

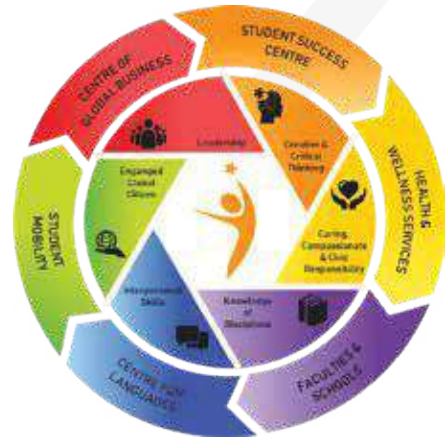
- Theory and Concept
- Clinical Competencies
- Humanity and Communication Skills

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.

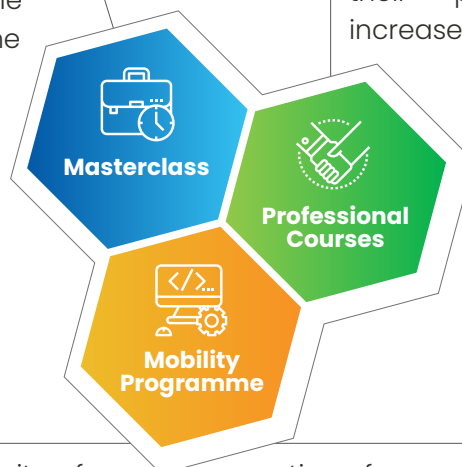
PROFESSIONAL COURSES

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


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