

# DENTISTRY



SEGi  
University

Towards

iR4.0

# 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.





# A QUALITY ORAL HEALTH CARE EDUCATION

Practised for thousands of years, dentistry is the professional and licensed practice of preventing, diagnosing and treating diseases of the maxillofacial regions including injuries, malformations of the teeth, jaw, and mouth. Strong oral well-being is vital to maintaining a healthy lifestyle and countenance. Research shows that poor oral health can be linked to heart and lung diseases, diabetes, stroke, low birth weight, and premature births.

Our Faculty of Dentistry is equipped with a fully functioning dental clinic and many in-house dental professionals and auxiliaries. Here, students are given hands-on practical training, which provides insights into working as a dental team and with patients. The SEGi Oral Health Centre is designed to meet industry standards and is monitored by various agencies.

The dental profession includes those who provide direct patient care, those who teach, conduct research, and work in public health and international health settings. All these individuals are vital links in the health care delivery system, necessary to promote social and economic change as well as individual wellbeing.

## AT A GLANCE

### GLOBAL RECOGNITION

- Emerged in the top 45% of the 2021 QS World University Rankings: Asia
- 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

### 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

### EXCELLENT TEACHING, LEARNING & RESEARCH

- SETARA 2018/2019 5-star rating for SEGi University in the Emerging Universities (Universities which have been established within the last 15 years) category
- 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

### 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

### 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%



# TOP-NOTCH RESOURCES FOR A QUALITY LEARNING EXPERIENCE

## **INTERNATIONAL RECOGNITION**

At present, our Bachelor of Dental Surgery programme is accepted and recognised internationally by the admission of students from the following 16 countries i.e., China, United Arab Emirates (UAE), Iran, Indonesia, Eritrea, Egypt, Mauritius, Maldives, Sri Lanka, Kenya, United Kingdom, Yemen, Sudan, Tanzania, Libya, and Zambia.

## **EARLY APPLICATION OF KNOWLEDGE AND EXTENSIVE CLINICAL EXPOSURE**

Our contemporary integrated curriculum provides students the avenues for early application of knowledge through early exposure to patients and clinical training. The availability of a very good patients pool provides the opportunity to treat a never-ending list of patients for students to develop and acquire a high level of clinical competencies and medical knowledge.

## **STUDENT-CENTRED LEARNING APPROACH**

We place a strong emphasis on students' interest in acquiring knowledge to foster the development of skills for problemsolving, critical thinking, and communication as we try to shape students towards professional readiness and to become lifelong learners. The credit-based grading system promotes continuous assessment instead of relying heavily on end-of-session professional examinations, thus promotes consistency in learning.

## **HIGH ENGAGEMENT IN RESEARCH**

Advocating strong research cultures amongst the Faculty members and students, thus contributing to publications in many indexed journals.

## **DEDICATED HIGHLY QUALIFIED AND EXPERIENCED ACADEMIC TEAM MEMBERS**

We pride ourselves on having a team of academics who are not only highly qualified, but also experienced in academia, and a good number of them hold international qualifications and accolades in dentistry.

Dentistry is a highly respected professional career which demands high standards of care and skills, as well as an aptitude for dealing with people.

The SEGi University Bachelor of Dental Surgery (BDS) is a five-year program that aims to produce competent, caring, and knowledgeable dental practitioners. Students are exposed to early patient contact and clinical training, with an emphasis on the recognition and prevention of oral diseases. The dynamic curriculum is delivered within a problem-based learning approach, with an emphasis on contextual learning of relevant scientific information. The curriculum also reflects the way in which students will be expected to identify and address clinical problems, placing a higher emphasis on delivery through engagement with the students.

## Programme Modules

### Early Clinical Phase (Year 1 & 2)

#### Year 1

- Basic Medical Sciences I
- Basic Oral Sciences
- Personal & Professional Development I

#### Year 2

- Basic Medical Sciences II
- Oral Diagnostic Sciences I
- Clinical Dental Practice I
- Personal & Professional Development I
- Community Oral Health I

### Clinical Phase (Year 3, 4 & 5)

#### Year 3

- Human Disease
- Oral Diagnosis I
- Clinical Dental Practice II
- Personal & Professional Development
- Community Oral Health

#### Year 4

- Oral Diagnosis II
- Clinical Dental Practice III
- Personal & Professional Development
- Community Oral Health

#### Year 5

- Clinical Dental Practice IV
- Personal & Professional Development
- Community Oral Health

#### Basic Medical Sciences

- Anatomy
- Physiology
- Biochemistry
- Pharmacology
- Pathology
- Microbiology

#### Basic Oral Sciences

- Oral Biology
- Oral Pathology

#### Human Disease

- General Medicine
- General Surgery

#### Community Oral Health

- Epidemiology
- Preventive Dentistry
- Community Oral Health
- Management & Administration in Dental Public Health

#### Oral Diagnostic Sciences

- Oral Medicine & Radiology
- Dental Therapeutics

#### Clinical Dental Practice

- Prosthodontics
- Periodontics
- Conservative Dentistry & Endodontics
- Orthodontics
- Paediatric Dentistry
- Oral Surgery
- Dental Material Science
- Dental Technology
- Clinical Preventive Dentistry

#### Personal & Professional Development

- Soft Skills
- ICT
- Scientific understanding (Statistics, Research Methods, Evidence-based Dentistry)
- Professional Behaviour
- Ethics & Jurisprudence

As part of the curriculum, students are required to take 4 general subjects (Mata Pelajaran Umum), as required by the Ministry of Education

### Career Opportunities

General Dental Practice: A rewarding career as a family dentist.

A dentist can choose to further his/her career from a wide range of specialty disciplines:

Dental Public Health, Orthodontics, Oral Surgery, Pediatric Dentistry, Periodontology, Restorative Dentistry, Oral Medicine, Oral Pathology, Forensic Odontology, Endodontics and Special Needs Dentistry

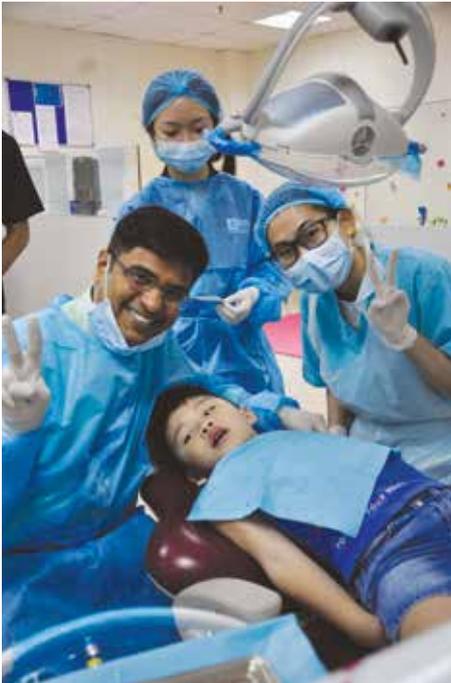


## ORAL HEALTH CENTRE

The SEGi Oral Health Centre is a teaching facility that ensures students have hands-on training to develop necessary skills and aptitude.

Students learn by treating patients under close supervision of experienced and skilled lecturers. Through that, students will develop the knowledge to solve problems through problem-based clinical situations and lectures. The SEGi Oral Health Centre provides modern clinical facilities, laboratories, and clinical teaching methods that are student-centric.

Teaching facilities include 58 dental units, 53 prosthetic workstations, 26 Simulator Units, and 6 dental X-rays facilities.



### Paediatric Dentistry Clinic

Our Paediatric Dentistry clinic provides clinical training for students on oral health care for children.



### Prosthetic Laboratory

The Prosthetic laboratory is where students learn to provide complete and partial prostheses and other appliances.



### State-of-the-Art Facilities

The Faculty of Dentistry is engaged in oral health education, research, patient care, and community service. Our clinics and laboratories are equipped with the latest state-of-the-art dental units and instruments.

### Dental Clinic

The dental clinics provide the setting for clinical training and are equipped with state-of-the-art technology with a spacious waiting lounge for patients.



### Mentoring

Mentor-Mentee Activities: a lecturer is appointed as mentor to 7-9 students (mentee) to facilitate discussions on their academic and social problems.



### Primary Care Support

The SEGi Oral Health Centre provides clinical facilities that are fully equipped with modern technologies, which allow students to practise under simulated environment. Students will be professionally supervised during their educational activities, offering them the best practical clinical experience.



### Experienced and Highly Qualified Teaching Staff

The Faculty of Dentistry offers a collegial environment that allows students to benefit from highly qualified and experienced teaching, research, clinical and professional staff, of which, a good number hold international postgraduate qualifications in the respective fields of dentistry. The teaching staff has innovative online teaching methods to create interest.

# PROGRAMME STRUCTURE

## ACADEMIC ENTRY REQUIREMENTS

- All applicants who enter a matriculation, foundation or pre-medical programme, except those with a degree qualification in arts or humanities, shall have passed and attained a minimum of the following at School Certificate level or its equivalent:

Sijil Pelajaran Malaysia (SPM)	5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject.
General Certificate of Education Ordinary ("O") levels	5Bs each in Biology, Chemistry, Physics, Mathematic (or Additional Mathematics) and another subject.
Unified Examination Certificate (UEC)	B4 in 4 subjects i.e. Biology, Chemistry, Physics (or Mathematics or Additional Mathematics) and another subject.

- All applicants, except those with a degree qualification in arts or humanities, shall have passed and attained a minimum of the following at:

### a. Higher School Certificate Level or its equivalent:

Sijil Tinggi Pelajaran Malaysia (STPM)	Grades BBB, ABC or AAC in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics
General Certificate of Education Advanced ("A") levels	Grades BBB, ABC or AAC in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics
Matriculation or Foundation in Science <b>or</b> Pre-Medical course	CGPA 3.0 (out of 4) in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics; <b>and</b> Provided the course is not less than 1 year in the same accredited institution; <b>and</b> the minimum entry qualification is 5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject at School Certificate level or its equivalent
Unified Examination Certificate (UEC)	B4 each in 5 subjects i.e. Biology, Chemistry, Physics, Mathematics and Additional Mathematics
Monash University Foundation Pre-University Programme (MUFY) <b>or</b> University of New South Wales (UNSW) Foundation <b>or</b> Western Australia Curriculum Council <b>or</b> HSC Sydney Australia <b>or</b> Trinity College Foundation Studies <b>or</b> Australian Universities Foundation Programmes <b>or</b> South Australian Matriculation (SAM) <b>or</b> Victorian Certificate of Education, Australia Year 12	Aggregate or average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics <b>or</b> 80% ATAR
National Certificate of Educational Achievement (NCEA) Level 3 <b>or</b> New Zealand	Average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics (or Mathematics)
Indian Pre-University	Average of 70% in any 3 subjects i.e. Biology, Chemistry, Physics (or Mathematics)



# PROGRAMME MATRIX

Canadian Pre-University (CPU) <b>or</b> Canadian International Matriculation Program (CIMP) / Canadian Grade 12/13	Average of 80% in any 3 subject i.e. Biology, Chemistry, Physics (or Mathematics)
International Baccalaureate (IB)	30 points with a minimum of 2 science subjects or Mathematics at Higher Level (HL) and 1 science subject at Standard Level <b>and</b> attained a minimum score of 4 each in Biology, Chemistry, Physics (or Mathematics)

or

## b. Diploma Level

Diploma in Health Sciences	CGPA 3.5 (out of 4) <b>and</b> Provided the course is not less than 5 semesters or 2½ years in the same accredited institution <b>and</b> the minimum entry qualification is 5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject at School Certificate level or its equivalent
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or

## c. Degree Level

Degree in Medical Sciences	CGPA 3.3 (out of 4) 5-year undergraduate medical programme
Degree in Medical Sciences Degree in the Arts or Humanities	CGPA 3.5 (out of 4) 4-year graduate medical programme CGPA 3.5 (out of 4) 5-year undergraduate medical programme <b>and</b> 3 Cs each in Biology, Chemistry, Physics, General Science, Mathematics (or Additional Mathematics) at SPM or its equivalent <b>or</b> an accredited bridging course
Degree in the Arts or Humanities	CGPA 4.0 (out of 4) 4-year graduate medical programme <b>and</b> 3 Cs each in Biology, Chemistry, Physics, General Science, Mathematics (or Additional Mathematics) at SPM or its equivalent <b>or</b> an accredited bridging course

- Applicants may be required to pass an aptitude test and/or an interview and/or a university entrance examination
- All applicants shall attain a level of competence in English to enable them to complete the course successfully

## HEALTH ENTRY REQUIREMENTS

Prior to admission, all short-listed applicants are required to undergo a medical checkup to ensure they are free from communicable diseases such as HIV and Hepatitis; and to undergo immunisation against Hepatitis B.

**Intake**

September

# STUDENT TESTIMONIALS



"Being an international student, studying in SEGi University has been an easy transition for me. SEGi have provided me with the motivation and passion I need to pursue my goal of becoming an Oral & Maxillofacial Surgeon. Being exposed to diagnostic methods and clinical techniques early prepared me to be the best practitioner I can be in the future."

**Anusha Kodiri**  
Bachelor of Dental Surgery



"Being the only international student in the batch, SEGi has helped me go through an easy transition, where everyone here is helpful and friendly. Also, I like how the programme is well organised in such a way that it is easily understood. Credits to SEGi and its dental team!"

**Asiyath Shiuna**  
Bachelor of Dental Surgery



"Since the day I started this programme, I knew it was the right choice. The "open door" concept that is implemented by lecturers has always provided me with the opportunities to gain more knowledge and to sharpen my skills. The facilities provided and the friendly environment in SEGi have affirmed my confidence in pursuing my dreams to become a competent dentist here."

**Bryan Sasikiran**  
Bachelor of Dental Surgery



"Being a dental student in SEGi University is a great experience for me. Our simulation lab is well-equipped with the latest technology to get maximum exposure during Operative Dentistry demonstrations like cavity preparations and restorations."

**Syed Zafri**  
Bachelor of Dental Surgery



"I know I have made the right choice when I realized I am able to work in a friendly environment with the best facilities. Not to mention, the lecturers are very knowledgeable and helpful, which makes it very easy for students to approach them. Besides skills and knowledge, I have also gained another big family from the faculty. Therefore, I highly recommend BDS programme at SEGi University to those who seeking for a stepping stone in reaching their dream of becoming a dentist."

**Nur Amalia Efika Binti Abd Aziz**  
Bachelor of Dental Surgery



Studying dentistry in Segi has been a memorable and rewarding experience for me. Despite the covid-19 crisis, classes and clinics were well organized to ensure that we have sufficient clinical exposure and our lectures were not compromised. Many thanks to our dedicated lecturers and professors. The knowledge, skills and confidence gained through this programme will no doubt make me a competent dental practitioner in the future."

**Tey Su Lynne**  
Bachelor of Dental Surgery

[segiuniversity.edu.my](http://segiuniversity.edu.my)



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