SEGi graduates are fully equipped with the skills and tools of the trade essential in facing the challenges of today. These skills carved into everyday practice, proves that SEGians are all-rounders, at the top of their game in all aspects.
DEVELOPING HEALING HANDS & CARING HEARTS

Medicine is a profession dedicated to the health and well being of patients. Physicians hold many responsibilities as their duties revolve around the study, diagnose and treatment of a wide variety of injuries and illnesses. There is a wide range of medical career paths that ranges on the specialty that has been chosen.

We, at SEGi University strives to produce doctors who are lifelong learners, keeping abreast with technological advances in medicine, to ensure the community receives prompt, accurate and effective care. This is made possible through the diverse teaching and learning experiences that are student and patient-centred promoting holistic care and emphasising professional and ethical values.

The Bachelor of Medicine and Bachelor of Surgery programme is developed especially for students who believe in making a difference in the lives of others through the delivery of better health care. This medical programme prepares aspiring doctors for a challenging career ahead that covers the parameters of promotion, prevention, therapeutic and rehabilitative medicine.

FOREWORD: MESSAGE FROM THE DEAN

The MBBS program offered by SEGi University is unique. Built upon the integrated nature of patients’ presentation to health care facilities, it offers patient-centered as well as student-centred collaborative learning experience, driven by the primary value, “The needs of the patient come first.” Our main objective is to bring up “The Best in You Made Possible” via our innovative integrated curriculum whereby we focus on educating our students in patient-centered, science-driven, team-based, high-value health care environment.

The Faculty of Medicine provides diverse learning opportunities in a variety of clinical settings across the country. This in turn provides them with the environment, conducive to develop their leadership skills on top of becoming an exemplary team-player in the health care industry in line towards preparing them to become doctors of tomorrow.

Professor Dr Samiah Yasmin Abdul Kadir
Dean, Faculty of Medicine
SEGi University
Awards received by
SEGi University & Colleges

Reader's Digest
Trusted Brand 2014
(Services, Private University/College)

Reader's Digest
Trusted Brand 2013
(Services, Private University/College)

PUTRA
BRAND AWARDS
SILVER
2014
(Education & Learning)

PUTRA
BRAND AWARDS
SILVER
2013
(Education & Learning)

PUTRA
BRAND AWARDS
BRONZE
2012
(Education & Learning)

The Edge Billion Ringgit Club 2013
(Best Performing Stock Award - Trading & Services)

3rd Global Leadership Award 2013
(Leadership in Educational & Training Excellence)

Asia Pacific Entrepreneurship Awards 2012
(Most Promising Entrepreneur)

10th Asia Pacific International Honesty Enterprise Keris Award 2011

The BrandLaureate Best Brand Award 2010 - 2011
(Education Tertiary Private)
The curriculum for the SEGi University MBBS programme was developed with the aim of producing doctors that are competent, caring and scientific while also being able to anticipate and respond to the changes in community needs, medical science and technology. One such way of developing these expertise is through exposure to early patient contact and clinical training, allowing students to develop high levels of clinical skills and medical knowledge. As such, the curriculum for the SEGi MBBS introduces students to early clinical exposure in Phase I programme.

The SEGi University MBBS programme is an integrated curriculum. This means that basic and clinical sciences are not delivered as separate units of study. Instead, content from a range of these basic and clinical science disciplines are integrated throughout the course. This integrated curriculum more closely reflects the way in which students will be expected to identify and address clinical problems in both their educational and professional careers.

Another feature of the SEGi University MBBS programme is the student-centred learning approach that places a higher emphasis on delivery through engagement with the students, problem-based learning, e-learning, student-centred collaborative learning (SCCL) and personal interaction. This approach fosters the development of skills for interpersonal communication and teamwork while also shaping students to become lifelong learners.

iMentoring is an innovative approach that utilises an online platform to enhance the reflection portfolio used in affective domain assessment. This is augmented with regular sessions of mentoring activity with our students.
In omnia paratus, which means ‘ready for anything’ is the motto of our Faculty. We take pride in producing medical professionals who will uphold this spirit.

Early Clinical Exposure
Students are exposed to clinical methodologies as early as Year 1 into their studies. Formal clinical training will be done from Year 3 onwards.

Passionate Educators
Our team of lecturers are passionate with their teaching and are readily approachable.

Well Equipped
Our Anatomy Museum and Dissertation Hall houses hundreds of models. Cadaveric specimens are used during practical classes.

IT Savvy
At every opportunity we expose our students to advanced methods of learning. Using the proprietary SEGiSphere platform, students are able to access pre-recorded PANOPTO recordings of lectures and practical sessions, lecture materials and e-resources such as ClinicalKey and Access Medicine.

Team Based Learning
We encourage students to work collectively and foster collegiality by having cross discipline Problem Based learning (PBL) and other small group learning activities.
Programme Matrix

<table>
<thead>
<tr>
<th>Programme</th>
<th>Awarding Institution</th>
<th>Duration</th>
<th>Campus</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Medicine, Bachelor of Surgery (M.B.,B.S.)</td>
<td>SEGi University</td>
<td>5 years</td>
<td>Kota Damansara</td>
<td>September</td>
</tr>
</tbody>
</table>

Admission Requirements

As of 30th July 2014, the Malaysian Medical Council [MMC] had adopted the following Minimum Criteria & Qualification for the entry into Medical Programmes in Malaysia.

Academic Requirements

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

i. Sijil Pelajaran Malaysia (SPM) with 5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject, OR

ii. General Certificate of Education Ordinary “O-Levels” with 5 Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject.

All applicants with a Unified Examination Certificate (UEC) 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 B4 each in 3 subjects.

i. Unified Examination Certificate (UEC) with B4 each in 3 subjects in Biology, Chemistry, Physics (or Mathematics or Additional Mathematics).

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

a. Higher School Certificate or its equivalent:

iii. Sijil Tinggi Pelajaran Malaysia (STPM); grades BBB, ABC or AAC in Biology, Chemistry, Physics or Mathematics, OR

iv. GCE A-Levels; grades BBB, ABC or AAC in Biology, Chemistry, Physics or Mathematics, OR

v. Matriculation, Foundation in Science, Pre-Medical Course; CGPA 3.0 (out of 4) in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, and provided the course in not less than 1 year in the same accredited institution and 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, OR

vi. United Education Certificate (UEC); B4 each in 5 subjects i.e. Biology, Chemistry, Physics, Mathematics and Additional Mathematics, OR

vii. Monash University Foundation Pre-University Program (MUFY), University of New South Wales (UNSW) Foundation, Western Australia Curriculum Council, HSC Sydney Australia, Trinity College Foundation Studies, Australian Universities Foundation Programmes, South Australian Matriculation (SAM) Victorian Certificate of Education Australia Year 12, Australian Matriculation [AUSMAT]; aggregate or average of 80% or the equivalent of B in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics; OR

viii. National Certificate of Educational Achievement [NCEA] level 3 or New Zealand Bursary; average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, OR

ix. Canadian Pre-University (CPU) or Canadian International Matriculation Program [CIMP/Canadian Grade 12/13] or Ontario Secondary School Diploma Grade 12; average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, OR

x. Indian Pre-University; average 70% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics, OR

xi. International Baccalaureate; 30 points with a minimum of 2 science subjects or Mathematics at Higher Level (HL) and 1 science subject at Standard Level and attained a minimum score of 4 each in Biology, Chemistry, Physics (or Mathematics).

OR

b. Diploma Level

i. Diploma in Health Science; CGPA 3.5 (out of 4), and provided the course is not less than 5 semesters or 2 ½ years in the same accredited institution and the minimum entry qualification is 2 Bs in Biology, Chemistry or Physics and 3 credits each in English, Mathematics (or Additional Mathematics) and another subject at School Certificate Level or its equivalent.

OR

c. Degree Level:

i. Degree in Health or Pure or Applied Sciences; CGPA 3.0 (out of 4) in a 5-year medical programme, OR

ii. Degree in Health or Pure or Applied Sciences; CGPA 3.3 (out of 4) in a 4-year graduate entry medical programme, OR

iii. Degree in the Arts of Humanities; CGPA 3.5 (out of 4) in a 5-year medical programme, OR

iv. Degree in the Arts of Humanities; CGPA 3.75 (out of 4) in a 4-year graduate entry medical programme.

Language Requirements

All applicants shall have attained a level of competence in English to enable them to complete the course successfully. Graduates from a medical programme who seek employment in the public sector shall attain a credit in Bahasa Malaysia and English at SPM or its equivalent.

Other Requirements

Applicants may be required to pass an aptitude test and / or an interview and / or A university entrance examination.

Clarification

In the event that there are any doubts, or there are no provisions in this guideline, prospective students are encouraged to seek clarification with the Malaysian Medical Council [MMC], www.mmc.gov.my.
Available at our main campus in Kota Damansara, this programme is carefully shaped for those who believe in making a difference in the lives of others through better health by becoming a caring and knowledgeable doctor. As aspiring doctors, this programme prepares you for a challenging career ranging from the prevention, therapeutic and rehabilitative medicine. We strive to groom doctors to be lifelong learners who stay aware of technological advances in medicine to ensure the community receives appropriate and effective care.

The programme encompasses three phases. Phase I spans across two years of the programme, where you are exposed to basic medical sciences covering subjects including Anatomy, Biochemistry, Physiology, Pathology, Medical Microbiology and Medical Parasitology, as well as Community Medicine and early clinical exposure in an integrated system approach. In Phase II, you’ll begin your early clinical clerkship with one year of rotational posting in internal medicine, paediatrics, surgery and women’s health.

You gain further knowledge and clinical skills during your senior clerkship in Phase III, which covers two years in various clinical disciplines, namely community based medicine, psychiatry, palliative care and rehabilitation, specialised postings of ophthalmology, otolaryngology, anaesthesiology, dermatology, diagnostic imaging and forensic medicine during your Year 4 of study. In the final year, you will undergo orthopaedics and trauma posting and in preparation of the Final Professional Examinations, you will revisit the four major postings in clinical medicine i.e. internal medicine, paediatrics and neonatology, surgery and women’s health.

Throughout the five years of study, you will also develop your soft skills in communication, social responsibility, team building, critical thinking, problem solving, leadership and management.

**Programme Modules**

**PHASE 1**

**Block 1 - 4 : Year 1**
Integrated Teaching & Learning of Basic Medical Sciences
- Normal Structure & Function of the Human Cell, Tissue & Body System
- Normal Response & Process to Disease State. Upper & Lower Limbs
- Musculoskeletal Systems
- Body Reaction to Physical, Chemical and Biological Agents
- Clinical Methods and Introduction to Community Medicine
- Clinical Correlation
- Block Exam/Re-Exam

**Block 1 - 4 : Year 2**
Integrated Teaching & Learning of Basic Medical Sciences
- Cardiovascular & Respiratory Systems
- Alimentary and Hepatobiliary, Blood & Haemopoietic Systems
- The Endocrine, Reproductive & Urinary Systems
- The Locomotor & Nervous Systems
- Clinical Correlation
- Block Exam/Re-Exam
- 1st Professional Examination

**PHASE 2**

**Posting : Year 3**
Clinical Skills Development
- Clinical Foundation
- Internal Medicine I
- General Surgery
- Women’s Health & Diseases I
- General Paediatrics
- Junior Clerkship
- Posting Exam/Re-Exam

**PHASE 3**

**Posting : Year 4**
Rotation Posting in Major & Special Disciplines
- Elective Posting
- Primary Care Medicine Psychiatry, Palliative Medicine & Rehabilitation
- Ear, Nose And Throat (ENT), Anaesthesiology, Forensic, Dermatology, Radiology & Ophthalmology
- Posting Exam/Re-Exam

**Posting : Year 5**
Rotation Posting in Major & Special Disciplines
- Surgery and Critical Care
- Orthopaedics and Traumatology
- Women’s Health & Diseases II
- Internal Medicine II
- Paediatrics and Neonatology
- Senior Clerkship
- Posting Exam/Re-Exam
- Final Professional Exam

**Career Opportunities**

If you wish to practice as a medical doctor in Malaysia, upon graduation, you are required to complete the housemanship programme in public hospitals organised by the Ministry of Health, Malaysia. After completion of the housemanship, you may undertake postgraduate specialists degree programmes in all areas of medicine according to your preferred choice of career paths which will become apparent as you progress through the five-year MBBS programme.
I have really enjoyed my time studying Medicine here in SEGi University. The programme is very comprehensive, including laboratory work and practical sessions in addition to the traditional lecture methods. I obtained a strong basic grounding in the scientific subjects and its relevance to the practice of Medicine. And I will finish at the pinnacle with an abundance of knowledge.

SEGi University, Faculty of Medicine spared no expenses in providing the students with top quality education. The lecturers at Faculty of Medicine are also our personal mentors, moulding us in every aspect into becoming excellent doctors. They have done far more than just educate and teach – they motivated and inspired me to strive for my passion and future.

One thing that strikes me about SEGi University is the breadth of opportunity for both academic and personal development. I feel that the style of teaching hasn’t just been about spoon-feeding but more about developing as an all-round professional. The teaching and administrative staff in Faculty of Medicine encourages the idea of a community and it creates a great atmosphere of support among the students.

I got to know about SEGi University from my secondary school in Sibu, during their roadshow. I’m a scholarship student which have provide me endless opportunities – imagine having surgical suturing and laparoscopic skills training in your very first year, and the chance to have dinner with Professors in your second year. You can’t help but wonder, “What’s next?”
Pharmacy is the science concerning the discovery and development of therapeutic substances into medicines for use in disease prevention and treatment. Pharmacists are an integral part of the health care system.

As key professionals in the health care system, pharmacists use their unique knowledge of medicines and skills to provide care for patients. The scope of pharmacy practice includes the compounding and dispensing of medicines, provision of health information advice, and management of diseases and medications. Pharmacists also hold key responsibilities in pharmaceutical industry where there is constant demand for pharmacy graduates in drug discovery and development, production, quality assurance, regulatory affairs and clinical research.

Due to the rapid growth of the health care system, the increasing elderly population, and the booming pharmaceutical industry, there is an unprecedented demand for pharmacists today in different career settings.

WHERE PASSION MEETS COMPASSION

Pharmacy programme aims to integrate scientific, clinical and professional knowledge with communication skills, providing graduates with the expertise to contribute effectively as a pharmacist within the future health care system. Students learn both chemical and physiological knowledge, as well as pharmacy practice, through problem-based learning, workshops, seminars and laboratory work.

Associate Professor Dr. Tey Kim Kuan
Dean, Faculty of Pharmacy & Allied Health Sciences
Awards received by SEGi University & Colleges

- Reader’s Digest Trusted Brand 2014 (Services, Private University/College)
- Reader’s Digest Trusted Brand 2013 (Services, Private University/College)
- Brand of the Year 2013 (Education & Learning)
- The Edge Billion Ringgit Club 2013 (Best Performing Stock Award - Trading & Services)
- 3rd Global Leadership Award 2013 (Leadership in Educational & Training Excellence)
- Asia Pacific Entrepreneurship Awards 2012 (Most Promising Entrepreneur)
- 10th Asia Pacific International Honesty Enterprise Keris Award 2011
- The BrandLaureate Best Brand Award 2010 - 2011 (Education Tertiary Private)
The focus of Pharmacy programme is to deliver an educational strategy that aims to produce graduates who will be able to integrate their knowledge and skills to the highest level, which will help to underpin the future roles as pharmacists. The programme is integrated with a significant amount of work-based and clinical skill trainings through progressive development of skills and competencies under controlled simulated environment and exposure to hospital, community and industrial pharmacy practice through visits and placements. It also retains the more traditional areas around formulation sciences and medicinal chemistry.

SEGi University takes pride in having a strong team of academicians who are not only highly qualified, but also experienced in academia and various disciplines of pharmacy practice (community, pharmacy and industry). Hence, as a result, students are ensured of a well-rounded education approach, complete with hands-on learning experience that extends beyond the boundaries of the classroom.

Another feature of this programme is the emphasis of student-centred learning approach via problem based learning, e-learning, interprofessional learning and research. This approach fosters the development of skills for problem solving, critical thinking and communication, while shaping students to become life-long learners.
The variety of facilities available for students to utilise in order to enhance the learning experience.

**Aseptic Suite**
This laboratory is used for the teaching of skills related to specialised preparation and dispensing of injectables and other sterile medications. The aseptic suite mimics the settings in hospitals.

**Pharmaceutic Lab**
The pharmaceutic laboratory enables students to formulate pure drug substances into dosage form, and to perform analysis to ensure high standards are met. The laboratory is equipped with modern machinery including:

- 8-station rotary tablet press
- High intensity mixers and blenders
- Quality control equipments such as friability testers, hardness testers, dissolution testers and disintegration testers
- UV-Visible spectrophotometers

**Pharmaceutical Chemistry Lab**
This laboratory is furnished with equipments used for routine chemical and biological sample analysis. The laboratory is equipped with High Performance Liquid Chromatography, Atomic Absorption Spectroscopy and Fourier Transform Infrared Spectroscopy machines.

**Biology Lab**
This laboratory is equipped with various equipment used for the teaching of pharmacology, biochemistry, microbiology and molecular biology.

**Mock Dispensary**
This specially designed suite is built to meet the specifications and requirements of a community pharmacy.
BACHELOR OF PHARMACY (HONS)

The programme focuses on developing practising pharmacists who can make a real difference to patients’ well-being while having a rewarding career.

The knowledge of drugs will progress from the study of how drugs are made and analysed for purity, to how they are formulated into dosage forms acceptable to patients and their use in diseases, preventions and treatments. The programme integrates scientific knowledge while attaining practical, clinical and professional skills, to equip students to be healthcare scientists of the future.

Programme Modules

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Data Analysis in Pharmacy</td>
<td>Pharmaceutical Organic Chemistry II</td>
</tr>
<tr>
<td></td>
<td>Cell Biology</td>
<td>Pharmacology I</td>
</tr>
<tr>
<td></td>
<td>Human Anatomy and Physiology</td>
<td>Pharmacological Analysis II</td>
</tr>
<tr>
<td></td>
<td>General Chemistry</td>
<td>Pharmaceutics II</td>
</tr>
<tr>
<td></td>
<td>Pharmaceutical Organic Chemistry 1</td>
<td>Microbiology and Immunology</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>Pharmacy Practice I</td>
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</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pharmacology II</td>
<td>Applied Pharmacotherapeutics I</td>
</tr>
<tr>
<td></td>
<td>Pharmaceutical Analysis II</td>
<td>Pharmaceutics III</td>
</tr>
<tr>
<td></td>
<td>Pharmaceutics II</td>
<td>Genetics and Molecular Biology</td>
</tr>
<tr>
<td></td>
<td>Microbiology and Immunology</td>
<td>Pharmacy Practice II</td>
</tr>
<tr>
<td></td>
<td>Pharmacy Practice</td>
<td>Pharmacy Business Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Complementary Medicine</td>
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<td></td>
<td></td>
<td>Business Ethics</td>
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</table>

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Applied Pharmacotherapeutics II</td>
<td>Pharmacology II</td>
</tr>
<tr>
<td></td>
<td>Pharmacokinetics and Clinical</td>
<td>Pharmacological Analysis II</td>
</tr>
<tr>
<td></td>
<td>Pharmaceutics IV</td>
<td>Pharmaceutics III</td>
</tr>
<tr>
<td></td>
<td>Pharmacy Practice III</td>
<td>Genetics and Molecular Biology</td>
</tr>
<tr>
<td></td>
<td>Toxicology</td>
<td>Pharmacy Practice II</td>
</tr>
<tr>
<td></td>
<td>Natural products in Medicine</td>
<td>Pharmacy Business Management</td>
</tr>
<tr>
<td></td>
<td>Environmental Management and</td>
<td>Complementary Medicine</td>
</tr>
<tr>
<td></td>
<td>Technology</td>
<td>Business Ethics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Research in Pharmacy</td>
<td>Clinical Pharmacy I</td>
</tr>
<tr>
<td></td>
<td>Research Project I</td>
<td>Clinical Pharmacy II</td>
</tr>
<tr>
<td></td>
<td>Research Project II</td>
<td>Clinical Pharmacy III</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Career Opportunities

Community Pharmacy, Hospital and Clinical Pharmacy, Pharmaceutical Industry, Academia, Government and Regulatory Agencies, Veterinary Pharmacy.
The following is an indication of current programme content. However, the rapidly changing nature of the subject area means that the programme offered and individual programme content are continuously updated to meet industry needs. Also, please note that certain combinations of options may not be available.

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

### Academic Entry Requirements

<table>
<thead>
<tr>
<th>Programme</th>
<th>CGPA 3.0 or above including a minimum of B in Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation in Science</td>
<td>CGPA 3.0 or above including a minimum of B in Chemistry</td>
</tr>
<tr>
<td>Ministry of Education Matriculation</td>
<td>CGPA 3.0 or above including a minimum of B in Chemistry</td>
</tr>
<tr>
<td>STPM</td>
<td>CGPA 3.0 or above with BBB or AAC or 1A, 1B, 1C in Chemistry and Biology and Physics or Mathematics, with B in Chemistry</td>
</tr>
<tr>
<td>A-Level</td>
<td>BBB or AAC or 1A, 1B, 1C in Chemistry and Biology and Physics or Mathematics, with B in Chemistry</td>
</tr>
<tr>
<td>Diploma in Pharmacy</td>
<td>CGPA 3.5 or above</td>
</tr>
<tr>
<td>Diploma in Science [Chemistry/Biology/Physics]</td>
<td>CGPA 3.75 or above including a minimum of B in Chemistry</td>
</tr>
<tr>
<td>Degree in Science</td>
<td>CGPA 2.75 or above</td>
</tr>
<tr>
<td>Other equivalent qualifications</td>
<td>Will be considered on a case-by-case basis</td>
</tr>
</tbody>
</table>

### Additional Requirements

- For Foundation in Science, Matriculation and Diploma:
  Students must pass SPM with a minimum of 5Bs in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and one other subject.

- It is compulsory for all Malaysian citizens to pass Bahasa Malaysia and English with minimum of grade C in SPM or equivalent.

- English requirement:
  - MUET band 3 or
  - Test of English as a Foreign Language (TOEFL) scoring 550 or
  - International English Language Testing Service (IELTS) with minimum band of 5.5 for each skill - Writing, Reading, Listening / Speaking (WRLS)

### Pharmacist Registration in Malaysia

- **BPharm**
  - Pre-registration Training (1 year in Malaysia): MOH / Private
  - Compulsory Service (1 year): MOH / Private
  - Registered Pharmacist (Pharmacy Board Malaysia)
“Studying Pharmacy in SEGi University has been one of the best choices I have ever made. I chose SEGi due to its globally recognised and highly rated Faculty of Pharmacy. I have always wanted to work in health care, where I will have the opportunity to help others. The well planned curriculum of my degree offers substantial exposure to the real-world Pharmacy field and provides a challenging, yet exciting learning experience.”

— Saw Wei Ying

“SEGi University Faculty of Pharmacy has been my family to me since my first involvement, and the people I have met taught me valuable career lessons and furthered my belief in the value that pharmacy profession provides to our healthcare system.”

— Teo Chun G Yee

“I came to know about SEGi University since my secondary school days. I’m a straight “A” student. The Faculty of Pharmacy is good, because I can find information about many of the experiential learning, internship, and residency opportunities that exist in managed care pharmacy, through the dedicated lecturers and seniors.”

— Bernard Tan G wen ChanG

“The lecturers are outstanding and demonstrate a wide array of experience as practicing pharmacists. I learnt why and how we use medicine to treat specific conditions and this knowledge has really broadened my understanding about the importance of pharmacy in the health care industry.”

— Aaron Teh Eng Kit

“People always need health, so Pharmacy is an essential profession; and that was why I made the move to SEGi University. It offers a solid career path with great employment opportunities and a decent salary. Furthermore, the Dean of Pharmacy is very helpful and supportive in recommending my field of study.”

— Lu Jia Lei

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— Lu Jia Lei
Train for a rewarding career in optometry in private practice, hospitals, eye research, optical service or industry.

SEGi University offers the most modern and contemporary optometry degree in Malaysia, and is one of only a few institutions to offer an optometry programme privately. Our Bachelor of Optometry (Hons) will help you gain knowledge and expertise in subjects relating to the identification and treatment of dysfunctions and disorders of vision, and the vision system.

Our campus in Kota Damansara includes state-of-the-art facilities such as our eye care centre SEGi EyeCare, which allows students to study optometry in a real world setting and to gain practical experience using the latest specialised equipment.

The programme emphasises clinical practice and offers an excellent integrated, professional and scientific education in optometry. Clinical placements are also done in hospital eye departments and private optometry/ophthalmology practices. These will let you apply the knowledge and skills you gain during your programme prior to starting your career in optometry.

“Contemporary optometry has gone well beyond spectacles and contact lenses. This philosophy is well embedded within the Bachelor of Optometry (Hons) programme at SEGi, where students are trained in the examination of eye health in generating prescriptions for correcting their patients’ vision.”

Professor Dr. Azrin Esmady Ariffin
Dean, Faculty of Optometry & Vision Sciences
Vice President (Academic), SEGi University
Awards received by
SEGi University & Colleges

- Reader’s Digest Trusted Brand 2014
  (Services, Private University/College)

- Reader’s Digest Trusted Brand 2013
  (Services, Private University/College)

- World Branding Award
  Education – Malaysia

- Innovation Award 2014

- Asia Pacific Entrepreneurship Awards 2012
  (Most Promising Entrepreneur)

- The Edge Billion Ringgit Club 2013
  (Best Performing Stock Award - Trading & Services)

- 3rd Global Leadership Award 2013
  (Leadership in Educational & Training Excellence)

- The BrandLaureate Best Brand Award 2010 - 2011
  (Education Tertiary Private)

- 10th Asia Pacific International Honesty Enterprise Keris Award 2011
The Optometry curriculum at SEGi presents all aspects of the essential basic sciences, vision sciences, optical practice, as well as general and speciality practices in Optometry within a 4-year study period. The curriculum also takes into account the required biomedical body of knowledge which has become a core area of study in optometric curricula; thus, preparing graduates for an extended scope of practice in Optometry including therapeutics.

The SEGi programme prepares students for patient encounters in a variety of real world scenarios through early clinical practice. This is achievable through our own clinical centre, SEGi EyeCare, and its extensive clinical network which includes General Optometric Practices, Ophthalmology Clinics and Hospital Eye Departments. Clinical instruction begins as early as the first year. Students progress through the various facets of clinical training as they move through our clinical system, in tandem with their progression in their years of study at SEGi.

The SEGi campus houses the Faculty of Optometry & Vision Sciences and the clinical centre, SEGi EyeCare. Our dedicated laboratories in the disciplines of Optics, Vision Sciences and Clinical Practice are modern and complete with all the necessary facilities for effective teaching of the Optometry programme. Our clinical system under the umbrella of SEGi EyeCare consists of both general optometric clinic and speciality clinics, plus an optical dispensary. With such an excellent learning environment, students’ academic and clinical experience will be unrivalled.

The faculty engages both full-time and part-time academic staff. SEGi prides itself on having a strong team of full-time academics who are qualified, registered optometrists with a range of academic, hospital and private practice experience. Staff from Pharmacy, Dentistry and Medicine also contribute to the teaching of biomedical modules while optometrists from private practice participate in the clinical supervision of students in the clinics.
Modern And Up-To-Date Curriculum

The curriculum presents all aspects of the essential basic science vision science, optical practice, and both general and specialty practice in Optometry within a 4-year study period. It also includes the required biomedical body of knowledge in preparing graduates for extended scope of practice in Optometry.

Excellent And Unrivalled Facilities

Our dedicated laboratories in the disciplines of Optics, Vision Sciences and Clinical Practice are modern and complete with all the necessary facilities for effective teaching of the Optometry programme. Our clinical system under the umbrella of SEGi EyeCare consists of both general optometric and specialty clinics, plus an optical dispensary.

Opportunity For Postgraduate Studies

The Optometry programme available will span the whole range from Bachelors through Masters and Doctoral Level via research and coursework modes.

Experienced And Highly Qualified Teaching Staff

The faculty engages both full and part-time academic staff and SEGi prides on having a strong team of qualified, registered optometrist with a range of academic, hospital and private practice experience in its full-time academic staff stable.

Early, Extensive And Varied Clinical Experience

Patient encounter occurs in our own clinical centre, SEGi EyeCare and its clinical network. Clinical training begins as early as the first year and the student progress through the various complexities of clinical training as they move through our clinical system.

SEGí’s Edge

The Optometry programme at SEGi delivers education in primary eye care in an academic setting, with a clinical facility nestled within it.
<table>
<thead>
<tr>
<th>Programme</th>
<th>Awarding Institution</th>
<th>Entry Requirements</th>
<th>Duration</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Optometry (Hons)</td>
<td>SEGi University</td>
<td>• STPM with minimum CGPA of 2.50; OR  • A-Level; OR  • Foundation / Pre-University programme with CGPA of 2.5 or above; OR  • Any equivalent Pre-U qualifications (Science Stream)</td>
<td>4 years</td>
<td>Kota Damansara</td>
</tr>
<tr>
<td>Master of Science (Vision Science)</td>
<td>SEGi University</td>
<td>• Bachelor’s Degree in Optometry with Honours or equivalent; OR  • Bachelor’s Degree in related Sciences with Honours AND a minimum CGPA of 2.5 or 2 years working experience in a relevant field; OR  • Any other equivalent qualifications recognised by the Senate</td>
<td>2 - 4 years</td>
<td>Kota Damansara</td>
</tr>
</tbody>
</table>

The following is an indication of current programme content. However, the rapidly changing nature of the subject area means that the programmes offered and individual course content are continuously updated to meet industry needs. Also, please note that certain combinations of options may not be available.

As part of the curriculum, students will be required to take 6 general subjects (Mata Pelajaran Umum), as required by the Ministry of Education Malaysia.

"Optometry is my dream career field as I love the time spent with patients, communicating and helping them to understand their vision problems better. In order to experience this, SEGi EyeCare is available in the campus itself, complete with facilities and equipment to help students gain clinical experience before entering the workfield."

LOH PEI YING
DEAN’S LIST 2014

"SEGi Faculty of Optometry & Vision Sciences provides its students with an unrivalled clinical experience. Firstly, students enter the clinic from day one. I have the chance to learn from the beginning by observing during appointments, and by the end of my second year I’m conducting entire eye exams on patients! Secondly, the school being located in Malaysia has the advantage of a very diverse patient population."

NUR AYUNI MAHIRAH

"I’m glad that I’ve chosen SEGi to study optometry because the lecturers are experience in their field and are always helpful to lend a hand. In addition, students are exposed to vision screening activities and it is most beneficial when starting a career in optometry."

YEONG YOU LOONG
DEAN’S LIST 2014
BACHELOR OF OPTOMETRY (HONS)
SEGi UNIVERSITY

Our forte has always been in the highly experienced line-up of academic and clinical staff teaching on the programme. The availability of excellent laboratory and clinical facilities add to the strength of the optometry programme at SEGi.

The programme also draws on the expertise of external/visiting lecturers comprising Biomedical scientists, Medical Practitioners, Ophthalmic Surgeons and Practising Optometrists. Clinical training of students is carried out both at the internal clinics on campus, as well as at external sites ranging from private Optometric practices, Refractive Surgery Centres, private Ophthalmologic clinics and Hospital Eye departments.

Programme Modules

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Essential Basic Sciences</td>
<td>Biomedical Sciences for Optometry III</td>
<td>Foundations of Ocular Disease</td>
<td>General Medicine in Optometry</td>
</tr>
<tr>
<td>Mathematical Techniques</td>
<td>Ocular Optics I &amp; II</td>
<td>Speciality Clinical Studies II</td>
<td>Public Health &amp; Community Optometry</td>
</tr>
<tr>
<td>Biomedical Sciences for Optometry I &amp; II</td>
<td>Visual Science I &amp; II</td>
<td>Basic Clinical Practice</td>
<td>Professional Issues in Optometry</td>
</tr>
<tr>
<td>Human Biology</td>
<td>Clinical Studies II</td>
<td>Optometric Use of Drugs II</td>
<td>General Clinic II &amp; III</td>
</tr>
<tr>
<td>Ocular Biology</td>
<td>Speciality Clinical Studies I</td>
<td>Behavioural Science in Vision Care</td>
<td>Contact Lens Clinic I &amp; II</td>
</tr>
<tr>
<td>Geometrical &amp; Physical Optics</td>
<td>Optometric Use of Drugs I</td>
<td>Ocular Disease in Primary Care</td>
<td>Binocular Vision / Paediatric Clinic I &amp; II</td>
</tr>
<tr>
<td>Clinical Studies I</td>
<td>Personal Health Management</td>
<td>Care of Functional Visual Disorders</td>
<td>Advanced Ophthalmic Care Clinic I &amp; II</td>
</tr>
<tr>
<td>TITAS</td>
<td>Business Ethics</td>
<td>General Clinic I</td>
<td>Low Vision Clinic I &amp; II</td>
</tr>
<tr>
<td>Hubungan Etnik</td>
<td>Co-curriculum Management</td>
<td>Speciality Clinics A &amp; B</td>
<td>Optometric Case Studies I &amp; II</td>
</tr>
<tr>
<td>Bahasa Kebangsaan A</td>
<td></td>
<td>Occupational &amp; Environmental Optometry</td>
<td>Project / Dissertation I &amp; II</td>
</tr>
<tr>
<td>Bahasa Melayu Komunikasi II</td>
<td></td>
<td>Industrial Placement I</td>
<td>Industrial Placement II</td>
</tr>
<tr>
<td>Malaysian Studies III</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effective Listening</td>
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</tbody>
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I’ve always been interested to pursue Optometry and SEGi University is widely known in Mauritius. I jumped on the opportunity to study in SEGi because there are countless advantages I’m able to gain. I’ve widen my circle of friends from different cultures, therefore I’ve also expanded my knowledge capacity. I definitely made the right choice with SEGi!
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GOPEE YUDISTEERAJ

Career Opportunities

An optometrist is a healthcare professional who provides primary eye care ranging from vision testing and correction to the diagnosis and management of vision disorders with pathological causes. With routine hours and a good income, optometrists enjoy a lifelong career with a satisfying lifestyle. Career opportunities include professional private optometric practice (solo or group), retail optical practices, ophthalmology clinics, hospital eye departments and multinational optical industry.
With the Master of Science (Vision Science) by Research programme, we aim to provide you with a firm grounding in scholarly research work in clinical vision science that encompasses the subject areas of ocular and visual science through clinical optometry.

The programme forms the initial platform for vision related professionals to advance their knowledge on the scientific foundations of vision science by pursuing supervised research work in preparation for later pursuit of a doctoral degree by research in clinical optometry or vision science.

Programme Modules

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 1</strong></td>
</tr>
<tr>
<td>- Investigative Techniques in Clinical Vision Research</td>
<td>- Research &amp; Thesis</td>
</tr>
<tr>
<td>- Advanced Research Methods and Design</td>
<td>- Research &amp; Thesis</td>
</tr>
<tr>
<td><strong>Semester 2</strong></td>
<td><strong>Semester 2</strong></td>
</tr>
<tr>
<td>- Research Proposal and Seminar</td>
<td>- Research &amp; Thesis</td>
</tr>
</tbody>
</table>

"I’m delighted to study Optometry in SEGi University. I’ve gained strong knowledge and practice in every area and aspect of Optometry, from contact lens practice, binocular vision & pediatrics, low vision as well as Advance Ophthalmic Care."

ROZA BASIM HASSAN

"What I like most about the Bachelor of Optometry at SEGi University is that it prepares me well for the profession of optometry, while the city itself provides opportunities to unwind and try something new everyday. It took some time to adjust to life across the country, but soon SEGi became a second home to me and the people here are like a family."

NGUYEN LE PHUONG DUYEN

Career Opportunities
You have the opportunity to gain employment at: Ophthalmic or contact lens industry, research and tertiary education.
HEALING HANDS & CARING HEARTS

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

Our Faculty of Dentistry is equipped with a full functioning dental clinic and also many in-house dentists. Here, students are given hands-on practical training sessions, which provide many insights working with both dentists and patients alike. The SEGi Oral Health Care Centre is complete with a reception, waiting area and a dental records room. It is designed to meet industry standards by undergoing regular spot-check by various health agencies.

The dental profession includes not only those who provide direct patient care, but those who teach, conduct research, and work in public and international health. All of these individuals are vital links in the health care delivery system, necessary to promote social and economic change as well as individual well-being.

The goal of the Bachelor of Dental Surgery programme is to produce general dental practitioners who are knowledgeable, technically competent, socially responsible, responsive to the changing oral health needs of the community; able to function effectively in a dental team and adhere to the standards of professional conduct and ethics.

Datuk Professor Dr. Fawzia Dato’ Abdullah
Founding Dean, Faculty of Dentistry
SEGi University
Awards received by
SEGi University & Colleges

- **Reader’s Digest Trusted Brand 2014**
  (Services, Private University/College)

- **Reader’s Digest Trusted Brand 2013**
  (Services, Private University/College)

- **Putra Brand Awards**
  - *Silver 2014* (Education & Learning)
  - *Silver 2013* (Education & Learning)
  - *Bronze 2012* (Education & Learning)

- **3rd Global Leadership Award 2013**
  (Leadership in Educational & Training Excellence)

- **The Edge Billion Ringgit Club 2013**
  (Best Performing Stock Award - Trading & Services)

- **Asia Pacific Entrepreneurship Awards 2012**
  (Most Promising Entrepreneur)

- **10th Asia Pacific International Honesty Enterprise Keris Award 2011**

- **The BrandLaureate Best Brand Award 2010 - 2011**
  (Education Tertiary Private)
INTEGRATED CURRICULUM

A programme with a dynamic curriculum, the basic and clinical sciences are not delivered as separate units of study. Instead, content from a range of these basic and clinical science disciplines are integrated throughout the programme. This integrated curriculum reflects more closely of the real life clinical problems which students are expected to identify and address when they graduate.

STUDENT-CENTRED LEARNING APPROACH

Implementing a proactive approach, there is more emphasis on delivery through engagement with students, problem-based learning, e-learning, small-group tutorials and personal interaction. This approach foster skills such as interpersonal communication and teamwork besides shaping students to become lifelong learners.

EARLY CLINICAL EXPOSURE

We aim to produce dentists that are competent, caring and scientific while also being able to anticipate and respond to the changes in community needs, medical science and technology. One such way of developing these expertise is through exposure to early patient contact and clinical training, allowing students to develop high levels of clinical skills and medical knowledge. As such, the curriculum for the BDS programme introduces students to early clinical exposure in the Early Clinical Phase.
SEGi’s Edge

To remain competitive in the 21st-century education, we are also committed to keep our state-of-the-art facilities and training excellence relevant to the oral health needs of the community for today and tomorrow.

State-Of-The-Art Facilities

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

Mentoring
Mentor-Mentee Activity – A lecturer is appointed as mentor to 7-9 students (mentee) whom the students can meet to discuss their academic and/or social problems.

i-Mentoring System – The i-Mentoring system was developed for both Medical and Dental students as an extension to the portfolio element in medical and dental education as well as mentoring device for mentor and mentees. On this system, students, lecturers and the Dean may communicate securely and privately. Students are encouraged to submit a “diary-like” entry to reflect on the subjects and/or social activities on weekly or monthly basis. It also covered self and peer assessment (affective domain assessment) to mirror themselves and fellow colleagues as a team. All submission of student reflection and affective domain assessments will be evaluated by mentor and grades of pass or fail or incomplete will be given at the end of term examination. Students or mentee failing affective domain assessment for more than one term during the year one will not progress into second year and will be advised to change programme.

Modern And Up-to-Date Curriculum

The curriculum integrates vertically and horizontally structured knowledge and practices in all dental disciplines to yield an oral health professional competent in providing best care in oral health for individual patients and the community. A spiral approach is adopted to reinforce learning by revisiting relevant areas throughout the curriculum.

Early Clinical Exposure

Early Clinical Exposure (Chair-side and Community-based) incorporate knowledge within the context of dental practice. An outcome-based curriculum focuses on the learning process to maximise the acquisition of knowledge and clinical competence in oral health care.

Experienced And Highly Qualified Teaching Staff

The Faculty of Dentistry has highly qualified and experienced teaching, research, clinical and professional staff. A good number of which holds international qualification in the respective field of dentistry.

seGi’s edge
<table>
<thead>
<tr>
<th>Programme</th>
<th>Awarding Institution</th>
<th>Entry Requirements</th>
<th>Duration</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Dental Surgery (BDS)</td>
<td>SEGi University</td>
<td>• SPM: 5Bs (3 science subjects, Add Maths/ Maths, &amp; any subject) AND • STPM: Grades BBB, ABC or AAC in 3 subjects • Matriculation / Foundation in Science: CGPA of 3.0 for 3 subjects • Any equivalent qualifications: A-Level / UEC / Canadian Pre-U / SAM / IB</td>
<td>5 years</td>
<td>Kota Damansara</td>
</tr>
</tbody>
</table>

“I learned a lot of valuable information about the application process while networking with my colleagues and dental professionals. I could not have been more pleased with my experience. I discovered that Dentistry is a form of art that requires real craftsmanship! I am grateful for the unique experience and opportunity provided here in Faculty of Dentistry.”

— **MICHELLE YU WEN HUA**

“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**

“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**

“The preparatory course was a unique and wonderful opportunity providing me with the hands-on experience to live the life of a dental student by listening to lectures, and attending labs using dental software and lab equipment. The dental students and professors could not have been more welcoming; always willing to answer any and all questions. I’ve always known I wanted to be a dentist and this experience further encouraged me to pursue my dream.”

— **DESMOND LAI TUU HEN**
Dentistry is a highly respected professional career which demands high standards of care and skill, as well as an aptitude for dealing with people. The practice of dentistry is defined as the branch of medicine which is concerned with the study, diagnosis, prevention and treatment of diseases, injuries and malformations of teeth, jaws and mouth.

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 and also ensuring the curriculum 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

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Early Clinical Phase</strong>&lt;br&gt; ■ Man in Health &amp; Disease I&lt;br&gt; ■ Oral Cavity in Health &amp; Disease I&lt;br&gt; ■ Personal &amp; Professional Development I</td>
<td><strong>Early Clinical Phase</strong>&lt;br&gt; ■ Man in Health &amp; Disease II&lt;br&gt; ■ Oral Cavity in Health &amp; Disease II&lt;br&gt; ■ Clinical Dental Practice II&lt;br&gt; ■ Personal &amp; Professional Development II&lt;br&gt; ■ Community Oral Health II</td>
<td><strong>Clinical Phase</strong>&lt;br&gt; ■ Human Disease III&lt;br&gt; ■ Oral Diagnosis III&lt;br&gt; ■ Clinical Dental Practice III&lt;br&gt; ■ Personal &amp; Professional Development III&lt;br&gt; ■ Community Oral Health III</td>
</tr>
<tr>
<td><strong>Year 4</strong>&lt;br&gt; <strong>Clinical Phase</strong>&lt;br&gt; ■ Oral Diagnosis IV&lt;br&gt; ■ Clinical Dental Practice IV&lt;br&gt; ■ Personal &amp; Professional Development IV&lt;br&gt; ■ Community Oral Health IV</td>
<td><strong>Year 5</strong>&lt;br&gt; <strong>Clinical Phase</strong>&lt;br&gt; ■ Clinical Dental Practice V&lt;br&gt; ■ Personal &amp; Professional Development V&lt;br&gt; ■ Community Oral Health V</td>
<td></td>
</tr>
</tbody>
</table>

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

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“I want to say that it’s an excellent programme here in SEGi University. The programme modules are well organised! It was definitely a correct decision on my education choice. The programme is flawless and provide great opportunities. Thanks to all of the lecturers and professors for their valuable time during the classes and clinics!”

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**Career Opportunities**

Graduates of this programme are eligible to register and practice at any location without further examinations. Should you choose to join the public sector, the employment choice ranges in community hospitals, health clinics under the Ministry of Health, schools or the armed forces. Having gained experience in general practice, you may pursue postgraduate studies leading to qualifications for specialist practice.

Choose from a wide range of specialties consisting of Orthodontics, Oral Surgery, Pediatric Dentistry, Periodontology, Restorative Dentistry, Dental Public Health, Oral Medicine, Oral Pathology, Forensic Odontology.
### Academic Entry Requirements

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
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</thead>
<tbody>
<tr>
<td><strong>SPM &amp; STPM</strong></td>
<td>• Pass in SPM with minimum 5 credits and B in Chemistry, Physics, Biology, Mathematics or (Additional Mathematics) and another subject AND</td>
</tr>
<tr>
<td></td>
<td>• Pass in STPM with grades BBB, ABC or AAC in 3 subjects: Chemistry, Physics, Biology or Mathematics</td>
</tr>
<tr>
<td><strong>Matriculation and Foundation in Science</strong></td>
<td>• CGPA 3.00 (out of 4) in 3 subjects, Physics, Biology or Mathematics OR</td>
</tr>
<tr>
<td>Pre-Medical course</td>
<td>• Pass in Foundation in Science with CGPA 3.00 in Chemistry, Physics, Biology or Mathematics;</td>
</tr>
<tr>
<td></td>
<td>• Provided the programme is not less than 1 year with the same accredited institution</td>
</tr>
<tr>
<td><strong>Other Qualifications</strong></td>
<td>• A-Level Pass or equivalent with grades BBB, ABC or AAC in 3 subjects: Biology, Physics, Chemistry or Mathematics; OR</td>
</tr>
<tr>
<td></td>
<td>• South Australian Matriculation with an average score of 80% in any 3 subjects: Biology, Physics, Chemistry or Mathematics; OR</td>
</tr>
<tr>
<td></td>
<td>• International Baccalaureate (IB) with minimum score 30 [minimum 2 science subjects at Higher Level (HL) and 1 at Standard level (SL) and with minimum 4 for every subject]; OR</td>
</tr>
<tr>
<td></td>
<td>• Canadian Pre-university (CPU) / Ontario Secondary Faculty Diploma Grade 12/13 – 80% aggregate in 3 subjects: Biology, Physics, Chemistry or Mathematics; OR</td>
</tr>
<tr>
<td></td>
<td>• Unified Examination Certificate (UEC) Pass with B4 in 5 subjects including Biology, Physics, Mathematics, Additional Mathematics and Chemistry</td>
</tr>
<tr>
<td><strong>Additional Requirements</strong></td>
<td>• English Language Requirement: candidates must pass in English at SPM level or its equivalent and recognised by MQA; all Malaysians must pass MUET with minimum Band 4.0</td>
</tr>
<tr>
<td><strong>International Students</strong></td>
<td>• Minimum academic requirement based on terms &amp; conditions set by MQA and Ministry of Education OR other equivalent qualifications recognised by the National Academic recognition Information Centre (NARIC), UK and/or MQA.</td>
</tr>
<tr>
<td></td>
<td>• English Language requirement: Pass in English with minimum 6.0 for IELTS and 550 for TOEFL or its equivalent</td>
</tr>
</tbody>
</table>

### 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