

PHARMACY



1st
Malaysian University
that earned 5★ for Prioritizing
Society's Needs in Malaysia
- by QS Stars



SEGi
University



INTRODUCTION TO SEGi UNIVERSITY

SEGi was established in 1977 as Systematic College in the heart of Kuala Lumpur offering professional qualifications. Since its founding 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 are 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 Prioritizing Society's Needs in Malaysia" by QS Stars, an international evaluation system for universities based on auditing.



WHERE PASSION MEETS COMPASSION

Pharmacy is the science concerning the discovery and development of therapeutic substances into medicines for use in disease treatment and prevention. Pharmacists apply their unique knowledge on the use of medicines and pharmacy skills to provide effective patient care in order to achieve optimum treatment outcomes.

Pharmacists compound and dispense medicines, and provide health advice to the community and manage diseases and medicines. They also hold key responsibilities in the pharmaceutical industry where they are involved in drug discovery and development, production and quality control of medicines.

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 various career settings.

“SEGi’s Pharmacy programme aims to integrate scientific, clinical, and professional knowledge with soft skills, providing graduates with competency and skills to contribute effectively within the health care system. Students gain hands-on experience in different pharmacy settings throughout the 4 years, with built-in experiential placements in community and hospital pharmacy, as well as pharmaceutical industry.”

Associate Professor Dr. Tey Kim Kuan
Dean, Faculty of Pharmacy
SEGi University



AT A GLANCE

GLOBAL RECOGNITION

- 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

SCHOLARSHIPS

- 1st Malaysian University that earned 5 Stars for Prioritizing Society's Needs in Malaysia (by QS Stars)
- Over RM100 million worth of Group scholarships awarded over the past 41 years
- QS 5 Stars rated for inclusiveness and social responsibility

EXCELLENT TEACHING, LEARNING & RESEARCH

- 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 as 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



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
- Technology-supported learning using the Blackboard learning management system.

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%



OUR ACCOMPLISHMENTS AND ACCOLADES

SEGi University & Colleges is at the forefront of educational excellence to help our students realise their career aspirations. We are honoured to have received a string of prestigious awards. These recognitions reflect SEGi's continued commitment to highest-caliber educational experience for our students.



QS 5 STARS

in teaching, facilities, inclusiveness and social responsibility. Achieved a stunning 3 Stars overall.

The First Malaysian University that earned 5 Stars for Prioritizing Society's Needs in Malaysia.



PUTRA BRAND AWARDS
— THE PEOPLE'S CHOICE —
SILVER
2013 - 2015
(Education & Learning)



PUTRA BRAND AWARDS
— THE PEOPLE'S CHOICE —
BRONZE
2012, 2016 - 2018
(Education & Learning)

PUTRA BRAND AWARDS

Putra Brand Awards is a brand valuation award measured by consumer preferences. There are various categories ranging from automotive to property development and education and learning, among others.



EDUCATION – MALAYSIA
2014 – 2015

**Education – Malaysia
World Branding Award**



**Outstanding
Innovation Award 2014**



**Reader's Digest
Trusted Brand 2013 - 2015**
(Services, Private University/College)

■ **Students Choice Awards 2015**
(Top 10 Universities)

■ **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)

WE PRIORITISE YOUR NEEDS

SEGi CONNECT!

(Located at 1st and 2nd Floor)

We make your exciting experience of stepping into the next chapter of your life as smooth and memorable as possible! From the moment you come in to SEGi for your registration, we will be there to guide you on the whole process. We are with you even before you enter class, and we continue to be with you throughout your studies. We, your first SEGi friends, will be in contact continually throughout your studies, until we know you will be fine on your own in our campus.

ACADEMIC LEARNING SUPPORT

(Located At 2nd Floor)

Our Academic Skills Unit (ASU) was established to provide learning support and academic enhancement services for students, as part of their post-classroom learning experience. Our services include:

- assignment-writing
- thesis-construction
- language proficiency
- research brain-storming studying skills

EMPLOYMENT READINESS PROGRAMME

(By Student Affairs Department)

We provide Pre-Internship and Pre-employment Workshops to instil Employment Values as You Venture From Academic to Work Life.

Our in-house "soft skills" training will prepare you for internship placement and employment upon graduation.

During Your Studies

Before You Graduate

GLOBAL INDUSTRY EXPOSURE

(Your Faculty)

- We enrich your learning experience by exposing you to local and global industry practices.
- We strategically network with industry leaders to foster long-term, multi-dimensional relationships.
- We apply academic expertise to generate socially relevant and high impact research activities with industry and community stakeholders.

STRONG GLOBAL INDUSTRY LINKAGES

(Career Office at 2nd Floor)

- With the opportunity to join more than 1000 companies worldwide
- Career Fair within campus just for you.

MENTOR MENTEE SYSTEM

(Your Lecturers)

The learning culture in higher education is very different whereby intellectual discussions happen between lecturers and students rather than the conventional spoon-feeding of information. Students are guided to be independent in their learning at SEGi University. The Mentor-Mentee programme at SEGi University is to help students fit into this new culture as well as help those who may need more guidance academically.

SEGi ENRICHMENT PROGRAMME

(Every Wednesday Afternoon)

SEGi ENRICHMENT PROGRAMME addresses the major reasons for unemployment by providing opportunities for students to hone their soft skills through more than 100 structured and specially designed Seminars, Workshops, Conferences, Symposiums and training sessions that make our students industry-ready! These are developed based on industry and professional bodies' feedback on the requirements of a fresh graduate.

A HIGHLY INTEGRATED CURRICULUM

Our curriculum is designed and taught in an integrated manner throughout the duration of the programme to provide students with the scientific knowledge and skills in achieving competencies in the different discipline of pharmacy.

ARRANGED PLACEMENTS FOR WORK-BASED TRAINING

Arranged visits/placements by the Faculty to hospital, community, and industrial pharmacy to prepare students for work-based training.

FULLY EQUIPPED LABORATORIES

The laboratories used for the teaching of pharmaceutical chemistry, pharmaceuticals, biology/microbiology are well-equipped with modern instruments. Clinical skills laboratory, mock pharmacy and aseptic suite are also available for teaching purposes to allow students to practise under simulated environment.

ACTIVE LEARNING SIMULATED ENVIRONMENT

Progressive development of skills and competencies using simulations (with simulated patients) and supervised practice from year 1 to 4.

TOP-NOTCH RESOURCES FOR A QUALITY LEARNING EXPERIENCE

PROGRAMME ACCREDITATION

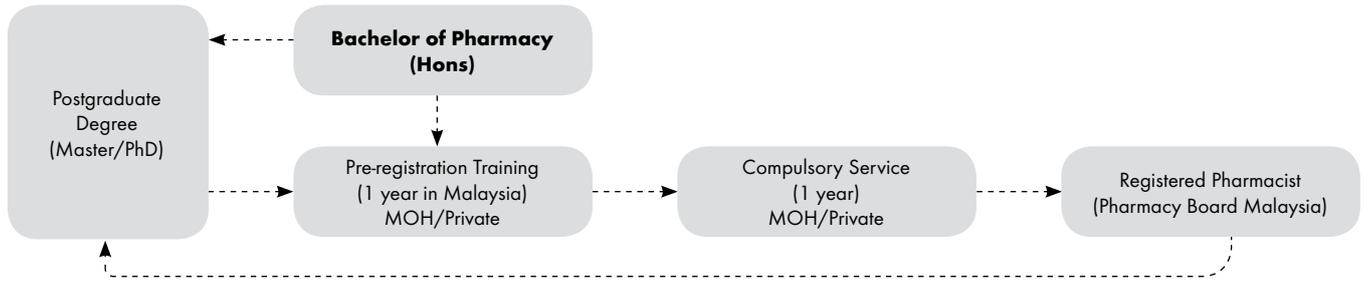
The Bachelor of Pharmacy (Hons) is fully accredited by the Malaysian Qualifications Agency (MQA) and Pharmacy Board Malaysia (PBM).

WELL-ROUNDED ACADEMICIAN

We have a core team of qualified and experienced academic staffs who are dedicated in teaching and research, and are passionate about the pharmacy profession.



HOW TO BE A REGISTERED PHARMACIST IN MALAYSIA?



PROGRAMME MATRIX

Programme	Awarding Institution	Campus	Intake
Bachelor of Pharmacy (Hons)	SEGi University	Kota Damansara	September

ACADEMIC ENTRY REQUIREMENTS

Foundation in Science	CGPA 3.0 including a minimum of B in Chemistry
Ministry of Education Matriculation	
Sijil Pelajaran Tinggi Malaysia (STPM)	CGPA 3.0 with BBB or AAC or 1A1B1C in Chemistry, Biology, and Physics or Mathematics, including a minimum of B in Chemistry
A-Level	BBB or AAC or 1A1B1C in Chemistry, Biology, and Physics or Mathematics, with a minimum of B in Chemistry
Diploma in Pharmacy	CGPA 3.5 or above
Diploma in Science (Chemistry/Biology/Physics)	CGPA 3.75 including a minimum of B in Chemistry
Degree in Science	CGPA 2.75 or above
Unified Examination Certificate (UEC)	B4 or 70% in 5 subjects in Chemistry, Biology, Physics, Mathematics, and Additional Mathematics (or one other subject)
Australian Matriculation (AUSMAT)	Minimum ATAR of 80% or CGPA 3.00 in Chemistry, Biology, and Physics or Mathematics, with a minimum of B in Chemistry
Western Australian Certificate of Education (WACE)	
South Australian Certificate of Education (SACE)	
Australian University Foundation Programmes	Minimum of 75% aggregate in 4 Subjects or CGPA 3.00 in Chemistry, Biology, and Physics or Mathematics, with a minimum of B in Chemistry
Canadian Pre-University (CPU)	Minimum of 65% in 6 Subjects or CGPA 3.00 in Chemistry, Biology, and Physics or Mathematics, with a minimum of B in Chemistry
Monash University Foundation Year (MUFY)	Minimum of 70% for 3 subjects or CGPA 3.00 in Chemistry, Biology, and Physics or Mathematics, with a minimum of B in Chemistry
International Baccalaureate (IB)	Minimum score of 30 with minimum Grade B in Chemistry, Biology, and Physics or Mathematics for Higher Level (HL) and One For Standard Level
All India Senior School Certificate Examination (AISSC)	Minimum 85% or CGPA 3.00 in Chemistry, Biology, and Physics or Mathematics, with a minimum of B in Chemistry
Ontario Secondary School Diploma (OSSD)	Grade 13 with Minimum of 85% or CGPA 3.00 in Chemistry, Biology, and Physics or Mathematics, with a minimum of B in Chemistry
Other equivalent qualifications	Will be considered on a case-by-case basis

ADDITIONAL REQUIREMENTS

- For Foundation in Science, Matriculation, and Diploma students:
 - Pass SPM with a minimum of 5Bs in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics), and one other subject
- All Malaysian citizens to pass Bahasa Malaysia and English with minimum of Grade C in SPM or equivalent
- English requirement:
 - Malaysian University English Test (MUET) with minimum Band score of 3 or
 - Test of English as a Foreign Language (TOEFL) scoring 550 or
 - International English Language Testing Service (IELTS) with minimum of Band 6 (5.5 for each skill - Writing, Reading, Listening/Speaking)

BACHELOR OF PHARMACY (HONS)

SEGi UNIVERSITY

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 the prevention and treatment of diseases. The programme integrates scientific knowledge while attaining practical, clinical and professional skills, to equip students to be competent healthcare professionals of the future.

Programme Modules

The following is the core programme content. The modules are subjected to regular updates to incorporate relevant new development in pharmacy to reflect the latest scientific discoveries, technologies, and practice guidelines.

Year 1

Semester 1

- Data Analysis in Pharmacy
- Cell Biology
- Human Anatomy and Physiology
- General Chemistry
- Pharmaceutical Organic Chemistry I

Semester 2

- Pharmaceutical Organic Chemistry II
- Pharmacology I
- Biochemistry
- Pharmaceutical Analysis I
- Pharmaceutics I
- Introduction to Pharmacy Practice

Year 2

Semester 1

- Pharmacology II
- Pharmaceutical Analysis II
- Pharmaceutics II
- Microbiology and Immunology
- Pharmacy Practice I

Semester 2

- Applied Pharmacotherapeutics I
- Pharmaceutics III
- Genetics and Molecular Biology
- Pharmacy Practice II
- Pharmacy Business Management
- Complementary Medicine

Year 3

Semester 1

- Applied Pharmacotherapeutics II
- Pharmacokinetics and Clinical Pharmacokinetics
- Pharmaceutics IV
- Pharmacy Practice III
- Toxicology
- Natural Products in Medicine

Semester 2

- Applied Pharmacotherapeutics III
- Medicinal Chemistry
- Evaluating Pharmacotherapy, Pharmacoepidemiology and Pharmacoeconomics
- Pharmaceutical Care in Specific Populations
- Electives

Year 4

Semester 1

- Research in Pharmacy
- Research Project I
- Research Project II
- Community Pharmacy Placement

Semester 2

- Clinical Pharmacy I
- Clinical Pharmacy II
- Clinical Pharmacy III
- Pharmaceutical Industry Placement

Career Opportunities

Community Pharmacy, Hospital and Clinical Pharmacy, Pharmaceutical Industry, Academia, Government and Regulatory Agencies, Veterinary Pharmacy, Military Pharmacy, and Research.

* Students are also required to undertake Mata Pelajaran Umum (MPU) as required by Ministry of Education, Malaysia and SEGi compulsory subjects.

STUDENT TESTIMONIALS



"Throughout the years that I've spent here, with each semester that starts, I'm always excited and filled with positive anticipation and eagerness to learn more and more. This faculty has been with us since the first day, guiding us and teaching us all the things which are necessary to prepare us to face our future. I really respect and appreciate all the hard work that each member of this faculty and every staff has put in to help us be better prepared for whatever it is that we might face. I sincerely feel privileged and honored to be a part of this big family and I thank our faculty for all the care and guidance that they have provided in every step of the way."

Erfan Khan Bin Yusuf Khan
Bachelor of Pharmacy (Hons)



"SEGi University is the right choice to study pharmacy course, as the lecturers in the Faculty of Pharmacy are dedicated and passionate in training us toward a competent, knowledgeable and capable pharmacist. They do provide many workshops and training such as Problem based learning (PBL) and Pharmacy Skills Development (PSD) to sharpen our knowledges and skills. Most importantly, they do provide Objective Structured Clinical Examination (OSCE) to strengthen our communication skills, interpersonal, professional judgement and skills of resolving. Lastly, early patient contact and clinical training provided by the faculty do widen our understanding about the important contribution of pharmacists in upholding the health of society."

Loh Xi Rong
Bachelor of Pharmacy (Hons)



"Faculty and the staffs work daily to maintain the standard of excellence that help to position the Bachelor of Pharmacy programme among the top programme in the university. Individually and collectively, they play key roles in guiding the students into well-prepared and professional equipped pharmacists that are able to meet the needs of diverse public."

Teo Chung Yee
Bachelor of Pharmacy (Hons)



"The lecturers are outstanding and demonstrate a wide array of experience as practising 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
Bachelor of Pharmacy (Hons)



SEGi Pharmacy Students' Association (SPSA) organised community outreach Public Health Campaign (PHC) with the theme of Women's Health at Atria Shopping Gallery on 31st August 2018. This PHC has won 2nd runner up for the Best PHC in the 4th MyPSA Public Health Campaign Challenge 2018.



SEGi Pharmacy Students' Association (SPSA) organised the Gala Night 2018 with the theme of "The Great Gatsby" for the graduating students.



Students from Faculty of Pharmacy participated in the 13th MyPSA National Gathering of Pharmacy Students in September 2018 (NoGAPs) that was held at SEGi University.



SEGi Pharmacy Students' Association (SPSA) participated in Vampire Cup 2018 organised by International Pharmacy Students Federation (IPSF) by having a blood donation drive in SEGi University.



The team of final year students from Faculty of Pharmacy won 2nd runner up in the 4th MyPSA National Clinical Pharmacy Challenge (NCPC) held at SEGi University in April 2018.



SEGi University Kota Damansara (DU031-B)

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The best in you, made

POSSIBLE

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SCANME



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