

# PHARMACY



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



**SEGi**  
University &  
Colleges

# 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.

They also compound and dispense medicines; and provide advice for health promotion to the community. Pharmacists also hold key responsibilities in pharmaceutical industry and are involved in drug discovery and development as well as manufacturing 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*





### WIDEST RANGE OF QUALITY COURSES

**Tailored to your Passion**  
Programmes offered at SEGi University and Colleges are meticulously planned and are of equivalent to that of prestigious international universities, with its well-rounded curriculum in multi disciplines from foundation to doctorate level.



### TRUSTED & RECOGNIZED

**Malaysia's longest established higher education provider**

Established in 1977 as Systematic College in the heart of Kuala Lumpur, after four decades, SEGi has undergone significant growth, making it one of the most trusted and recognized higher education institutions in Malaysia.



### REAL-WORLD EXPERIENCE

**Education today, Workforce tomorrow**

Get a head start while pursuing your studies at SEGi. Before you graduate, SEGi encourages you to apply your knowledge and develop skills through work placements and internships. Work experiences help you better understand the world and fit into workplace upon graduation.

GLOBALLY RECOGNIZED,  
DISTINCTIVELY SEGi.

# OUR 6 COMPETITIVE ADVANTAGES



### SKILL ENHANCEMENT & SUPPORT

**Shine & stand out from the crowd**

The SEGi Enrichment Programme provides opportunities to enhance students' learning experience. Explore from more than 100 workshops and seminars to prepare you beyond the classroom including communication and grooming skills, among others.



### WORLD-CLASS ACADEMIC LEADERS

**Dedicated academicians, Great mentors**

Our world-class faculty members are connected to industry, imparting knowledge and sharing experiences to ensure students reap full benefit at SEGi. They will guide and help you excel. They will unlock your potential and talent by pushing you out of your comfort zone.



### CAREER READY FIRST CLASS GRADUATES

**Top of the class**

SEGi produces more than 300 first class graduates every year. They excel not only academically but are also socially competent, skilled and ready for the workforce.

# OUR ACCOMPLISHMENTS AND ACCOLADES

SEGi University & Colleges is at the forefront of educational excellence to help our students realize 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 & 2017

(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)



### 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.

### 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.

### PROGRAMME ACCREDITATION

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

### STUDENT-CENTERED LEARNING

The teaching approach shifts progressively from being teacher-centred to student-centred over the four years. A wide range of learning approaches are used to address the learning needs of individual students, and to foster the development of problem solving, critical thinking and analytical skills to become a lifelong learner.

### ACTIVE LEARNING SIMULATED ENVIRONMENT

Students get to experience innovative active learning to enhance their clinical knowledge and skills, and improve their confidence and communication skills in the simulation-based environment.

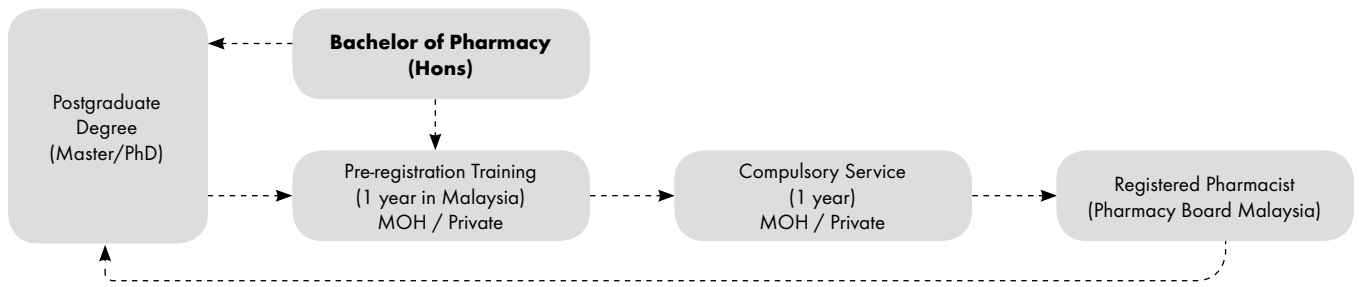
### ACADEMIC TEAM

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.

# TOP-NOTCH RESOURCES FOR A QUALITY LEARNING EXPERIENCE



## 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 diseases, prevention and treatment. 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 Pharmacoconomics
- Pharmaceutical Care in Specific Populations
- Electives

### Year 4

#### Semester 1

- Research in Pharmacy
- Research Project I
- Research Project II

#### Semester 2

- Clinical Pharmacy I
- Clinical Pharmacy II
- Clinical Pharmacy III

## Career Opportunities

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

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



**SEGi University Kota Damansara** (DU031-B)

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📠 1800 88 7344

The best in you, made

**POSSIBLE**

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