



**SEGi**  
University &  
Colleges

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# PHARMACY

*/ˈfɑː.mə.si/* **noun**

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1. Experienced & dedicated lecturers and research supervisors
2. Close collaboration and partnership with the Pharma Industry
3. Broad-based and wide ranging research areas

### Programme accreditations and recognitions



MINISTRY OF HIGHER EDUCATION



# ONE OF THE LARGEST & LEADING 47 YEARS AT

ONE OF THE ONLY 24 QS 5-Stars Rated University in the World



Teaching



Internationalisation



Online Learning



Arts & Culture



Employability



Academic Development



Bachelor of Medicine and  
Bachelor of Surgery (MBBS)



Inclusiveness





# NG HIGHER EDUCATION GROUP IN MALAYSIA T THE FOREFRONT OF EDUCATION

KOTA DAMANSARA | KUALA LUMPUR | SUBANG JAYA  
PENANG | KUCHING | IPOH | JOHOR BAHRU | SIBU

Quality education accredited and assured by the Malaysian Ministry of Education and other organisations



Partner Universities and Institutions

# YOUR GATEWAY TO LEADING GLOBAL INSTITUTIONS

Consortium of Global Research and Mobility Partners










# BRINGING THE WORLD TO YOU GLOBAL PARTNERING UNIVERSITIES



## University of Greenwich (UoG), UK





2024 - 2025

	<b>691 - 700<sup>th</sup></b>	WORLD UNIVERSITY RANKINGS		<b>97<sup>th</sup></b>	EUROPE UNIVERSITY RANKINGS NORTHERN EUROPE
	<b>501 - 600<sup>th</sup></b>	WORLD UNIVERSITY RANKINGS		<b>89<sup>th</sup></b>	IMPACT RANKINGS
	<b>301 - 400<sup>th</sup></b>	BUSINESS & ECONOMICS SUBJECT RANKING		<b>401 - 500<sup>th</sup></b>	SOCIAL SCIENCES SUBJECT RANKING
	<b>601 - 800<sup>th</sup></b>	COMPUTER SCIENCE SUBJECT RANKING		<b>97%</b>	INTERNATIONAL OUTLOOK SCORING
				<b>501 - 600<sup>th</sup></b>	EDUCATION SUBJECT RANKING



## University of Central Lancashire (UCLan), UK

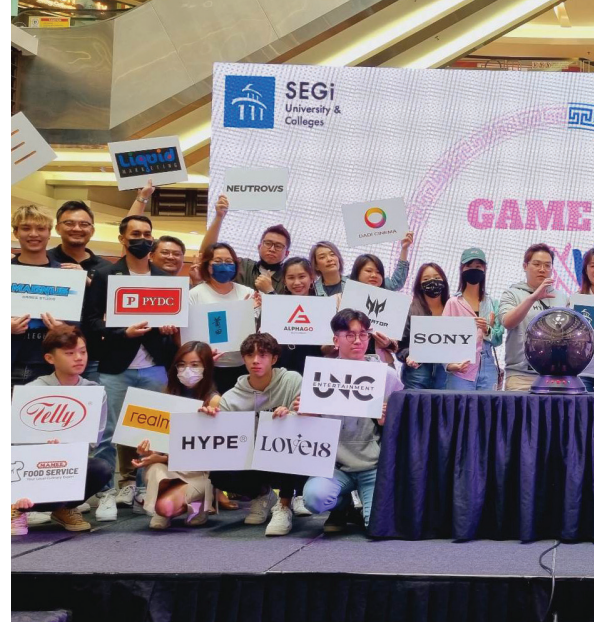
2024 - 2025

	<b>951 - 1000<sup>th</sup></b>	WORLD UNIVERSITY RANKINGS		<b>135<sup>th</sup></b>	EUROPE UNIVERSITY RANKINGS NORTHERN EUROPE
	<b>201 - 300<sup>th</sup></b>	IMPACT RANKINGS		<b>251 - 300<sup>th</sup></b>	YOUNG UNIVERSITY RANKINGS
	<b>601 - 800<sup>th</sup></b>	BUSINESS & ECONOMICS SUBJECT RANKING		<b>82%</b>	INTERNATIONAL OUTLOOK SCORING

# LEARN UNDER THE BIGGEST & BRIGHTEST FROM THE INDUSTRY

To excel in your career from day one, you need cross-disciplinary skills, industry insights, and technical know-how. These are often not adequately provided by traditional education methods like written assignments, industry visits, or internships.

Our programmes integrate industry expertise directly into the classroom experience. Co-designed, co-delivered, and co-assessed by industry professionals, our programmes offer hands-on learning opportunities with over 300 partner brands. The aim is to ensure you have real-world experience and secure job or business opportunities before graduation.



Winner of the  
**Employers' Choice Award**  
by Talentbank for  
TWO CONSECUTIVE YEARS





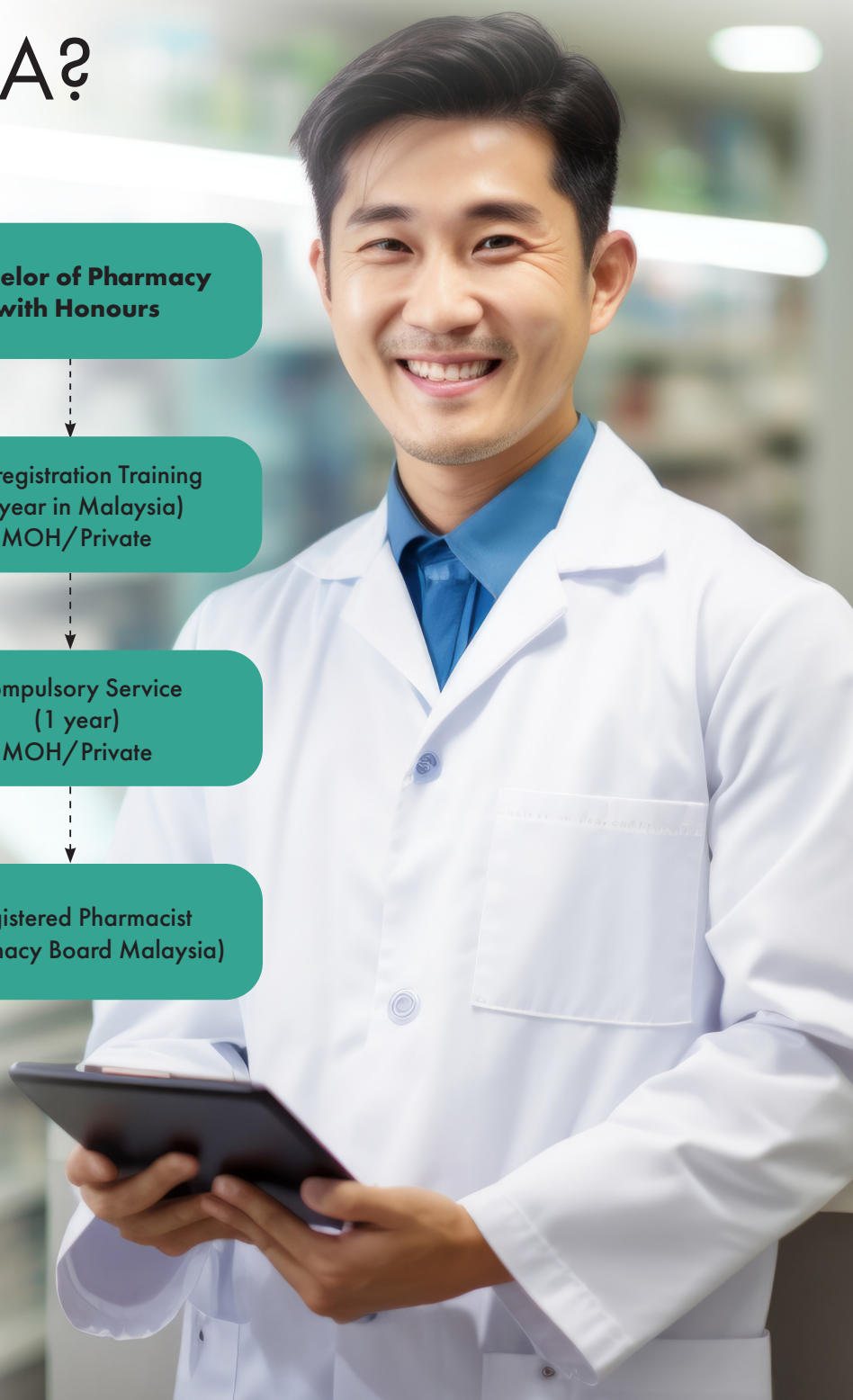
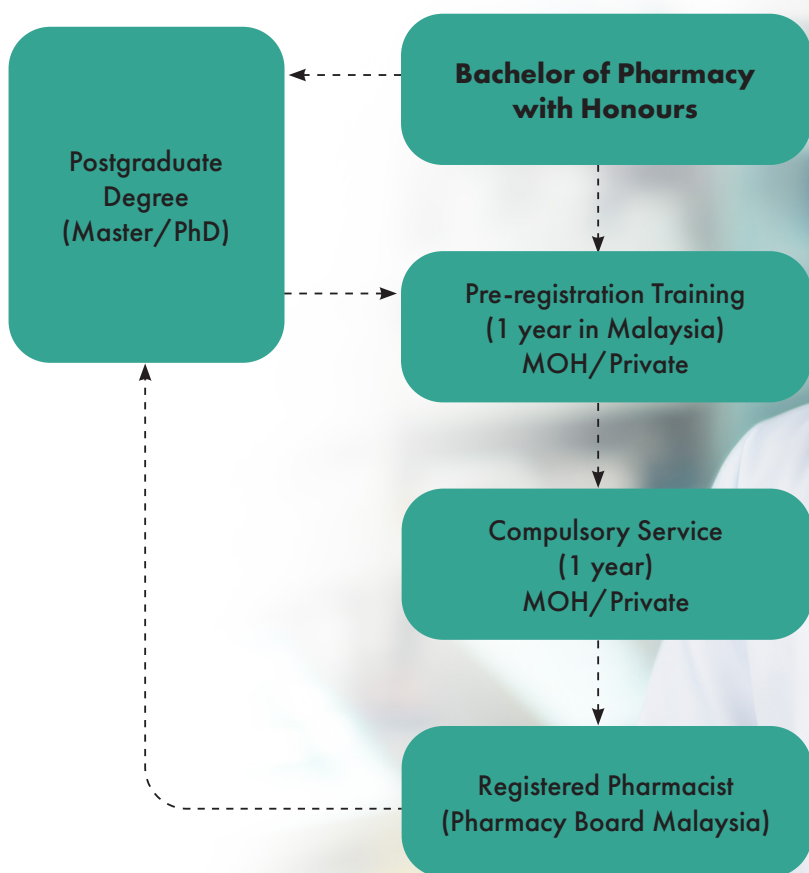


# CONSORTIUM OF INDUSTRY PARTNERS





# HOW TO BE A REGISTERED PHARMACIST IN MALAYSIA?



# PROGRAMME MATRIX

 Programme	 Awarding Institution	 Entry Requirements
<p>Bachelor of Pharmacy with Honours</p> <p><small>KD (R2/727/6/0014) (02/29) (MQA/FA0325)</small></p>	<p>SEGi University</p>	<ul style="list-style-type: none"> <li>• Foundation in Science - CGPA 3.0 including a minimum of B in Chemistry</li> <li>• Ministry of Education Matriculation CGPA 3.0 including a minimum of B in Chemistry</li> <li>• STPM - CGPA 3.0 with BBB or ABC or AAC in Biology, Chemistry, and Physics or Mathematics, including a minimum of B in Chemistry</li> <li>• A-Levels - BBB or ABC or AAC in Biology, Chemistry, and Physics or Mathematics, with a minimum of B in Chemistry</li> <li>• Diploma in Pharmacy - CGPA 3.5 or above</li> <li>• Diploma in Science (Chemistry/Biology/Physics) - CGPA 3.75 including a minimum of B in Chemistry</li> <li>• Degree in Science - CGPA 2.75 or above</li> <li>• UEC- Pass UEC with minimum of B4 in 5 subjects in Biology, Chemistry, Physics, Mathematics, and Additional Mathematics (or one other subject)</li> <li>• Australian Matriculation (AUSMAT), High School Certificate - Sydney Australia Monash University Foundation Year (MUFY), NSW Higher Education Certificate (HSC, Year 12), Northern Territory Certificate Education (NTCE, Year 12), South Australian Certificate of Education (SACE), South Australian Matriculation (SAM), Tertiary Entrance Education (TEE), Trinity College Foundation, University of NSW Foundation Western Australian Certificate of Education (WACE, Year 12), Western Australian Curriculum Council, Minimum aggregate or TER/UAI/ENTER/ATAR of 80% including in Biology, Chemistry, and Physics or Mathematics, with a minimum of B in Chemistry or equivalent</li> <li>• Canadian Pre-University (CPU), Canadian International Matriculation Programme (CIMP) Minimum aggregate of 80% including Biology, Chemistry and Physics or Mathematics with a minimum of B in Chemistry or equivalent</li> <li>• International Baccalaureate (IB)- Pass IB with minimum score of 30 (exclusive of bonus points) with two Science or Mathematics subjects at Higher Level (HL) and another one Science subject at Standard Level (SL), and a minimum score of 4 in Biology, Chemistry and Physics or Mathematics</li> <li>• Other equivalent qualifications - Will be considered on a case-by-case basis</li> </ul> <p>ENGLISH REQUIREMENT:</p> <ul style="list-style-type: none"> <li>• 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</li> <li>• All Malaysian citizens to pass Bahasa Malaysia and English with minimum of Grade C in SPM or equivalent</li> <li>• English requirement:               <ul style="list-style-type: none"> <li>- Malaysian University English Test (MUET) with minimum Band score of 3 or</li> <li>- Test of English as a Foreign Language (TOEFL) scoring 550 or</li> <li>- International English Language Testing Service (IELTS) with minimum of Band 6 (5.5 for each skill - Writing, Reading, Listening/Speaking) or</li> <li>- Cambridge English Qualifications and Tests (Linguaskill) with minimum score of 154</li> </ul> </li> </ul>
<p>Master in Science (Pharmaceutical Sciences) by Research</p> <p><small>KD (N/727/7/0098)(02/25) (MQA/PA11457)</small></p>	<p>SEGi University</p>	<ul style="list-style-type: none"> <li>• Bachelor's Degree in Pharmacy with Honours or its equivalent with a minimum CGPA of 2.75 or equivalent</li> <li>• Bachelor's Degree in Science or its equivalent in a related field of study with a minimum CGPA of 2.75 or equivalent</li> </ul> <p>ENGLISH REQUIREMENT:</p> <ul style="list-style-type: none"> <li>• Minimum test score of 500 in TOEFL or Band 6.0 in IELTS (International Students)</li> </ul> <p>Note: Candidates with a CGPA of 2.50 – 2.74 or equivalent as accepted by the University's Senate, and possess at least one year of job experience in relevant fields.</p>

# BACHELOR OF PHARMACY WITH HONOURS

KD(R2/727/6/0014) [02/29] [MGA/FA0325]

FULLY ACCREDITED

This programme focuses on developing pharmacists who can make a real difference to patients' well-being while enjoying a rewarding career. Throughout their course of study, students will have the opportunity to engage in experiential learning at Ministry of Health hospitals, community pharmacies, and pharmaceutical companies. Upon graduation, students will also have opportunities to work with Alpro Pharmacy Sdn Bhd and Sunway Multicare Pharmacy.

The study of drugs will progress from discovering, preparing, and analysing them for purity to formulating them into dosage forms acceptable to patients and ensuring their safe and effective use in the prevention and treatment of diseases. The programme integrates scientific knowledge with practical, clinical, and professional skills, preparing students to become competent healthcare professionals in the future.

## Programme Modules

The programme modules are subjected to regular reviews and updates to incorporate relevant new developments 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
- Basic Principles of Pharmacology

#### Semester 2

- Pharmaceutical Organic Chemistry II
- Pharmacology of Cardiovascular, Renal and Respiratory Systems
- Biochemistry
- Pharmaceutical Analysis I
- Physical Pharmaceutics
- Introduction to Pharmacy Practice

### Year 2

#### Semester 1

- Pharmacology of Gastrointestinal, Endocrine, Musculoskeletal and Reproductive Systems
- Pharmaceutical Analysis II
- Formulations and Technology I
- Microbiology and Immunology
- Community Pharmacy Practice
- Pharmaceutical Compounding and Extemporaneous Preparations
- Pharmacology of Nervous System

#### Semester 2

- Applied Pharmacotherapeutics I
- Formulations and Technology II
- Genetics and Molecular Cell Biology
- Dispensing Practice
- Pharmacology of Haematology System, Antimicrobial and Cancer Drugs

### Year 3

#### Semester 1

- Applied Pharmacotherapeutics II
- Pharmacokinetics and Clinical Pharmacokinetics
- Formulations and Technology III
- Complementary and Alternative Medicine
- Toxicology
- Natural Products in Medicine
- Pharmacy Legislation & Ethics

#### Semester 2

- Applied Pharmacotherapeutics III
- Medicinal Chemistry
- Quality Use of Medicines
- Pharmaceutical Care in Specific Populations
- Industrial Pharmacy
- Electives: Pharmaceutical Quality Assurance/ Bioinformatics/ Public Health & Disease Prevention/ Cosmeceuticals

### Year 4

#### Semester 1

- Research Methodology
- Research Project
- Research Dissertation
- Community Pharmacy Placement

#### Semester 2

- Hospital Pharmacy
- Clinical Clerkship I
- Clinical Clerkship II
- 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 the Ministry of Higher Education, Malaysia.





# MASTER OF SCIENCE (PHARMACEUTICAL SCIENCES) BY RESEARCH

KD [(N/727/7/0098)02/25] (MQA/PA11457)

The Master of Science in Pharmaceutical Sciences is a research-based degree programme that offers prospective students a broad and wide-ranging array of research areas.

A research degree enables you to acquire knowledge and strong research skills for personal enrichment in your chosen area of specialisation. It also offers an alternative career path or the opportunity to advance your career by contributing to meaningful and high-quality research, helping you remain competitive in the graduate employment market.

Throughout the two-year programme, you will develop high-level research skills and produce a body of original work that contributes to the broader literature in your area of specialisation. You will be taught Research Methodology to enhance your knowledge and skills in quantitative and qualitative research, and you will gain exposure to contemporary perspectives and recent advances in your research area on the international stage through media, seminars, and conferences.

## Programme Modules

### Year 1

#### Semester 1

- Advanced Quantitative Research Methods
- Advanced Qualitative Research Methods

#### Semester 2

- Research Proposal

### Year 2

#### Semester 1 & 2

- Research and Thesis

## Career Opportunities

Academia, Research (Clinical, Non-Clinical, And Analytical), Industry R&D, Product Specialisation, Graduate Research, Executive Roles, PhD Studies, Pharmaceutical Development (Drugs/Formulations), Quality Control, Biotechnology, Clinical/Community Pharmacy, Medical Writing, and Cosmeceutical Industries.



**SEGi University** (100589-U)

☎ 603 6145 1777 ☎ 011 1501 8838

**SEGi College Kuala Lumpur** (42114-V)

☎ 603 2070 2078 ☎ 012 988 7482 ☎ 1800 88 8028

**SEGi College Subang Jaya** (284515-V)

☎ 603 8600 1777 ☎ 010 313 0303

**SEGi College Penang** (187620-W)

☎ 604 263 3888 ☎ 013 629 4880

**SEGi College Sarawak** (172726-T)

☎ 6082 252 566 ☎ 017 859 2566 ☎ 1300 88 7344

**SEGi University Regional Centre, Johor Bahru**

☎ 607 235 9188 ☎ 010 313 0303

**SEGi Admissions and Support Centre, Ipoh**

☎ 016 212 9736

The best in you, made

**POSSIBLE**

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