



SEGi
University
& Colleges

PHARMACY

/'fɑ:.mə.si/ **noun**

1. Empowering tomorrow's pharmacists through Digital Health & AI
2. Close collaboration and partnership with the Pharma Industry
3. Personalised medicine powered by genomics & biopharma breakthroughs

Programme accreditations and recognitions



ONE OF THE LARGEST & LEADING HIGHER EDUCATION GROUP IN MALAYSIA 48 YEARS AT THE FOREFRONT OF EDUCATION

ONE OF THE ONLY 21 QS 5-Stars Plus Rated University in the World

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



Teaching



Employability



Internationalisation



Academic Development



Online Learning



Bachelor of Medicine and
Bachelor of Surgery (MBBS)



Arts & Culture



Inclusiveness

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



LEARN AT THE FOREFRONT OF PHARMACY

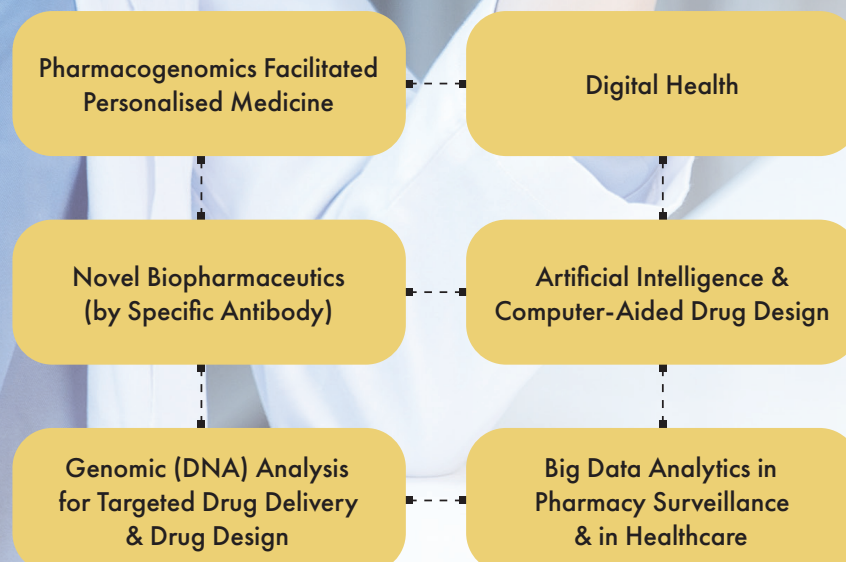
Forward-Thinking Advanced Curriculum That
Goes Beyond Conventional Learning

Unlike traditional programmes, our curriculum goes beyond the basics-equipping students with cutting-edge knowledge in precision medicine, digital health, and AI technology. We don't just prepare students to keep up; we prepare them to lead.

With 73% of students publishing research in reputable scientific journals, our undergraduates achieve what many only do at postgraduate level. They graduate not only with strong academic foundations, but with critical thinking, professional skills, and global credibility.

This solid grounding seamlessly transitions into our postgraduate pathways, where research excellence, industry collaboration, and interdisciplinary learning drive real-world success. Our alumni continue to make their mark in clinical, academic, and pharmaceutical fields-reinforcing our standing as a leader in pharmacy education.

DESIGNED FOR TOMORROW



EXTENSIVE RESEARCH FOCUS

Imagine spending a full semester on your research project, all with the guidance of our experienced researchers. It's real-world experience from the start - helping you build the skills and confidence to shine in scientific inquiry.



TRAILBLAZING UNDERGRADUATE PUBLICATIONS

Up to 73% of our undergraduate students publish in respected journals. It's a distinction that sets you apart, opening doors to competitive careers and advanced studies.



SUCCESSFUL GRADUATE OUTCOMES

You'll find our graduates thrive in clinical, community, industry, research and many other pharmacy settings - testament to a curriculum designed for innovation and real-world readiness. With diverse components such as veterinary pharmacy, Traditional Chinese Medicine, and cosmeceuticals woven into the learning experience, we empower students to explore broader career pathways within and beyond traditional pharmacy roles.

WHERE KNOWLEDGE MEETS THE REAL WORLD

Hands-On Learning Through Workshops,
Simulations, Real-World Experience — All In One.

Our real-world learning initiatives include practical experiences such as the Wound Care Workshop, where students work with cutting-edge treatments like maggot therapy, hands-on field visits to pharmaceutical facilities, and industry colloquium featuring global thought leaders. These experiences bridge the gap between theory and practice, empowering students to handle real-world healthcare challenges confidently.

INDUSTRY VISITS AND COLLOQUIUM

Getting firsthand exposure to real pharmacy settings and engaging in discussions with experts helps you connect with industry insights and build a strong network of mentors.

STUDENT MENTORSHIP PROGRAMME

Gain personalised career insights and guidance tailored to your goals by connecting directly with mentors who are top leaders (MD, CEO) from the pharmaceutical industry.

EXPERIENTIAL LEARNING OPPORTUNITIES

Comprehensive field training gives you the hands-on experience you need to feel confident and capable in real healthcare settings.

UP TO DATE INTEGRATED LEARNING

Benefit from programme designed with experts, from industry, community, clinical and academic pharmacy, ensuring the knowledge and skills you acquire match what today's and tomorrow's healthcare employers and industries need.

REAL-WORLD PROBLEM SOLVING

Working with case studies and real-life scenarios sharpens your adaptability and critical thinking.

EXCLUSIVE INTERNSHIPS

Experience hands-on training with leading pharmaceutical companies, hospital and community pharmacy, preparing you to be career-ready upon graduation.

DIVERSE PRACTICAL WORKSHOP AND OSCEs

Imagine getting hands-on experience in managing illnesses with evidence-based medicines and practice through interactions with simulated patients to build your professional competency in a safe environment. It's all about learning real skills you can apply right away.



PHARMACISTS OF THE FUTURE

Where Knowledge, Compassion, and Action Meet

Our programme integrates the “3H” approach to education, fostering intellectual rigor (Head), emotional integrity (Heart), and practical competency (Hands). By embedding character-building and practical skill development into our curriculum, we ensure graduates are equipped with the fortitude, empathy, and precision required to excel in diverse healthcare settings.

Assessment of 3H



Head

1. Knowledge
2. Critical Thinking
3. Accountability
4. Feedback Integration
5. Analytical Skills
6. Decision-Making



Heart

1. Communication
2. Empathy
3. Leadership
4. Ethical Practice
5. Resilience
6. Confidence



Hands

1. Practical Skills
2. Problem Solving
3. Real-World Application
4. Adaptability
5. Teamwork
6. Technical Proficiency

HEAD: COGNITIVE AND KNOWLEDGE DEVELOPMENT

From the very first year, you'll be participating in regular Objective Structured Clinical Examination (OSCE) assessments. These assessments simulate real clinical environments, testing your ability to handle patient interactions, communicate effectively, and provide counselling on medications, devices, and lifestyle changes.

OSCE BENEFITS

Through OSCE, you'll refine your clinical reasoning, enhance problem-solving skills, and develop a deeper understanding of patient-centred care within healthcare setting. This keeps it engaging, professional, and directly linked to OSCE's objectives.

HEART: EMOTIONAL AND ETHICAL EXCELLENCE

Throughout your journey, you'll be trained to lead with integrity, making patient-centered decisions grounded in respect, empathy, ethical responsibility, and evidence-based practice.

HANDS: PRACTICAL AND ADAPTABLE SKILLS

Real-world case studies and advanced practical training will help you refine your technical expertise and adaptability, preparing you for real challenges in the field.



A female student with long brown hair, wearing a white lab coat and clear safety goggles, is smiling while working in a laboratory. She is holding a small glass vial in her right hand. In the foreground, there is a rack of test tubes with various colored liquids, a round-bottom flask containing blue liquid on a stand, and a microscope. The background is a bright, clean laboratory setting.

EMPOWERING COMMUNITIES, INSPIRING CHANGE

Empowering Students To Give Back Through
Compassionate, Impactful Healthcare Leadership.

Our programme fosters a profound commitment to community service, with students actively participating in outreach campaigns, health screenings, and public health initiatives. Their dedication has been consistently recognised, earning multiple MyPSA Best Public Health Campaign Awards—a testament to their excellence and impact. Through these initiatives, our students bring healthcare directly to communities, gaining invaluable experience and embodying a lifelong dedication to social responsibility.

AWARD-WINNING CAMPAIGNS

Year after year, our students win the MyPSA Best Public Health Campaign award—proof that they're not just learning, but leading real change in community health.

SKILL-BUILDING THROUGH SERVICE

Use community campaigns as a platform to sharpen your skills in patient interaction, health education, and leadership.

PASSION-DRIVEN IMPACT

Let your passion lead the way as you make a real difference. Build solid skills while bringing compassion and care to every aspect of healthcare.

CULTURE OF CONTINUOUS SERVICE

It's more than just learning—it's your chance to nurture empathy and build a strong sense of responsibility.

HOW TO BE A REGISTERED PHARMACIST IN MALAYSIA?



PROGRAMME MATRIX

Programme	Awarding Institution	Entry Requirements
Bachelor of Pharmacy with Honours KD [R2/0916/6/0006](02/29) (MQA/FA0325)	SEGi University	<ul style="list-style-type: none">• Foundation in Science - CGPA 3.0 including a minimum of B in Chemistry• Ministry of Education Matriculation CGPA 3.0 including a minimum of B in Chemistry• STPM - CGPA 3.0 with BBB or ABC or AAC in Biology, Chemistry, and Physics or Mathematics, including a minimum of B in Chemistry• A-Levels - BBB or ABC or AAC in Biology, Chemistry, 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• UEC- Pass UEC with minimum of B4 in 5 subjects in Biology, Chemistry, Physics, Mathematics, and Additional Mathematics (or one other subject)• 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• 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• 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• Other equivalent qualifications - Will be considered on a case-by-case basis <p>ENGLISH REQUIREMENT:</p> <ul style="list-style-type: none">• 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:<ul style="list-style-type: none">- 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) or- Cambridge English Qualifications and Tests (Linguaskill) with minimum score of 154
Master of Science (Pharmaceutical Sciences) KD [R/0916/7/0013](02/30) (MQA/PA11457)	SEGi University	<ul style="list-style-type: none">• Bachelor's Degree in Pharmacy with Honours or its equivalent with a minimum CGPA of 2.75 or equivalent• Bachelor's Degree in Science or its equivalent in a related field of study with a minimum CGPA of 2.75 or equivalent <p>ENGLISH REQUIREMENT:</p> <ul style="list-style-type: none">• Minimum test score of 500 in TOEFL or Band 6.0 in IELTS (International Students) <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 [R2/0916/6/0006][02/29][MQA/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.

MASTER OF SCIENCE (PHARMACEUTICAL SCIENCES)

KD [R/0916/7/0013][02/30][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.

* Students are also required to undertake Mata Pelajaran Umum (MPU) as required by the Ministry of Higher Education, Malaysia.



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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