



**SEGi**  
University  
& Colleges

# OPTOMETRY

/ɒp'tɒm.ə.tri/ **noun**

1. Experienced lecturers
2. Close collaboration with the industry
3. 100% employability rate



# TOP 1.5%

## UNIVERSITY IN THE WORLD

### JOINING THE WORLD'S BEST – DEBUTING @ #731-740

You're not just choosing a university — you're stepping into the global spotlight. SEGi University is now officially ranked among the world's best, placing in the 731-740 band in the QS World University Rankings 2026.

This is your chance to learn, grow, and thrive at a university recognised for world-class teaching, real-world impact, and future-ready graduates. Welcome to a community that's not just part of the conversation — we're leading it.



The Quacquarelli Symonds (QS) World University Rankings are among the most trusted global benchmarks for university excellence.

There are an estimated 50,000 universities in the world. Of these, QS evaluates over 8,467 institutions worldwide based on academic reputation, employer reputation, faculty-to-student ratio, research impact, and international diversity.

Being ranked means a university has proven its quality, impact, and global relevance — and by joining SEGi, you become part of the world's best.



## #731-740

**#8 IN THE WORLD**  
STUDENT DIVERSITY

**#1 IN MALAYSIA**  
STUDENT DIVERSITY

**#13 IN THE WORLD**  
INTERNATIONAL STUDENTS

**#1 IN MALAYSIA**  
INTERNATIONAL STUDENTS

**#100 IN THE WORLD**  
FACULTY-STUDENT RATIO

**#5 IN MALAYSIA**  
INTERNATIONAL FACULTY

**#179 IN THE WORLD**  
INTERNATIONAL FACULTY

**#9 IN MALAYSIA**  
EMPLOYMENT OUTCOMES

Source: QS World University Rankings





# BE A PART OF THE WORLD'S BEST

Unlock possibilities at one of the  
**FINEST UNIVERSITIES** in the world

**>80**  
NATIONALITIES  
@ SEGi

**>600**  
INDUSTRY  
PARTNERS

**100%**  
EMPLOYABILITY  
RATE

Being part of a world-ranked university isn't just about prestige — it's about recognition, opportunity and your future.

When you study at SEGi, you're joining a university that the world now recognises for academic excellence, impactful research, and graduate success.

At SEGi, your journey isn't just local — it's global. And this ranking is just the beginning of where your degree can take you.

#### A GLOBALLY RESPECTED DEGREE

Your qualification carries international weight. A SEGi degree gives you a competitive edge when applying for jobs, scholarships, or further studies abroad.

#### STRONGER EMPLOYER CONFIDENCE

Employers recognise the QS brand and value graduates from ranked universities. A SEGi degree signals that you're trained to global standards.

#### ACCESS TO GLOBAL NETWORKS

Join SEGi's international academic and industry community — with opportunities to collaborate, intern, and work around the world.

#### QUALITY THAT'S PROVEN

From personalised learning and industry-integrated projects to global research and diverse classrooms — you're learning from, and being mentored by, the best.

#### PRIORITY ACCESS TO INTERNATIONAL PATHWAYS

QS-ranked universities are preferred partners for credit transfers, postgraduate admissions, and student exchange. SEGi offers a smoother route to global education.

#### HIGHER VALUE IN THE JOB MARKET

A degree from a globally ranked university helps you stand out in competitive job markets — locally and internationally.

#### LEARNING WITH THE WORLD

You'll study alongside students and academics from across the globe — building cultural intelligence and real-world collaboration skills.



## Programme accreditations and recognitions

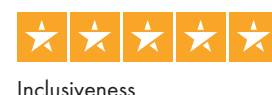


# ONE OF THE LARGEST & LEADING HIGHER EDUCATION GROUP IN MALAYSIA

# 48 YEARS AT THE FOREFRONT OF EDUCATION

**ONE OF THE ONLY 24 IN THE WORLD**  
QS WORLD-RANKED UNIVERSITY WITH A QS 5 STARS+ RATING

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





# Your Gateway To GLOBAL EDUCATION & INDUSTRY EXCELLENCE

Our network spans renowned universities and industry leaders through a global consortium of research, innovation, and mobility partners. These collaborations give our students and academics access to advanced learning, real-world application, and global career opportunities — whether in labs, classrooms, or corporate boardrooms.

Featuring trusted partners in both academia and industry, we ensure our graduates don't just meet standards — they set them.



## Consortium of Global Research and Mobility Partners





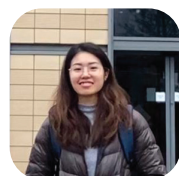
# FROM SEGi TO THE WORLD STAGE

Our Bachelor of Optometry (BOptom) programme doesn't just produce graduates — it launches international careers. From Europe to the United States, SEGi optometry alumni are making their mark as clinicians, researchers, and leaders in vision care.



**Bui Vinh Anh**

- BOptom (Hons), Class of 2015 – Vietnam
- Graduated with First Class Honours under a full scholarship by the Brien Holden Vision Institute (Australia).
- Currently: Assistant Professor of Optometry, New England College of Optometry, Boston, USA
- Further Studies: MSc in Vision Science, The Ohio State University (USA)



**Mindy Ooi**

- BOptom (Hons), Class of 2020 – Malaysia
- Built clinical experience in Malaysia before pursuing a postgraduate degree in the UK.
- Currently: Practising Optometrist, United Kingdom
- Further Studies: MSc in Optometry, Cardiff University, Wales



**Selina Tiong Yung Sing**

- BOptom (Hons), Class of 2020 – Malaysia
- Returned to Malaysia after completing postgraduate studies in Scotland.
- Currently: Optometrist & Practice Owner, Malaysia
- Further Studies: MSc, Glasgow Caledonian University, Scotland



**Lai Mun Chin**

- BOptom (Hons), Class of 2021 – Malaysia
- Expanded into orthoptics with a specialisation in binocular vision.
- Currently: Orthoptist, Singapore
- Further Studies: Master of Orthoptics, University of Technology Sydney (Australia)

## Vision with Impact — Serving Communities with Heart

SEGi Optometry students don't just learn in classrooms — they make real-world impact. Through community outreach initiatives, our students bring essential eye care to underserved groups, both urban and rural. These experiences not only build clinical skills but shape compassionate professionals who understand the value of care in every community.

- Free eye screenings for schools and underserved children
- Collaborative outreach with NGOs and health partners
- Mobile vision care expeditions for rural communities
- Public awareness and education on visual health and low vision





PROGRAMME MATRIX

Programme	Awarding Institution	Entry Requirements
MSc (Vision Science) by Research	SEGi University	<ul style="list-style-type: none"><li>Bachelors Degree in Optometry with Honours, or Bachelors degree in a related Science discipline with Honours or any equivalent qualification with a minimum CGPA of 2.75, or 5 years of working experience in a relevant field (if CGPA is below 2.50)</li></ul> <p>ENGLISH REQUIREMENT:</p> <ul style="list-style-type: none"><li>Minimum band of 5 in the IELTS or equivalent</li></ul>
Bachelor of Optometry (Hons)		<ul style="list-style-type: none"><li>SPM 5 credits including 2 Science subjects (for applicants with Foundation or Matriculation in Science)</li><li>STPM (Science) with minimum CGPA of 2.50; OR</li><li>UEC (minimum B5 in 3 Science subjects, B6 in other 2 other subjects and must have passed SPM); OR</li><li>3Ds in A-Level (Science); OR</li><li>Foundation/Pre-University (Science) with CGPA of 2.5 or above; OR</li><li>Any equivalent Pre-U qualifications (Science) OR</li><li>Bachelor Degree in Health or Pure or Applied Sciences (CGPA of 2.75 or above)</li><li>Diploma in Opticianry or Optical Dispensing (CGPA of 2.75 or above)</li><li>Diploma in any Science based discipline (CGPA of 2.75 or above)</li></ul>
BSc (Hons) Optometry		<ul style="list-style-type: none"><li>Open to opticians registered with The Malaysian Optical Council</li><li>Possess any of the following:<ul style="list-style-type: none"><li>Diploma in Opticianry (At least 2-year MOC registration) ^*</li><li>Fellow of British Dispensing Optician (FBDO) (At least 3-year MOC registration) ^*+</li><li>Bachelor’s Degree (Level 6 MQF) in any field other than Science (Since 1991 in practice) ^*</li><li>Diploma (Level 4 MQF) in any field other than Science (Since 1991 in practice) ^*</li><li>SPM with 3 credits in any Science subjects (Since 1991 in practice) ^*+</li><li>No formal academic qualifications (Since 1991 in practice) ^*+</li></ul></li></ul>

## Require ^ Bridging \* APEL C + APEL A

The following is an indication of the current programme content. However, the rapidly changing nature of the discipline means that the programmes offered and individual courses are continuously updated to meet industry needs.

As part of the curriculum, students will be required to take 5 general subjects (Mata Pelajaran Umum), as required by the Ministry of Higher Education Malaysia.

VISION THAT LEADS.  
RESEARCH THAT TRANSFORMS.

BUILT FOR LEADERS IN VISION CARE.

MASTER OF SCIENCE (VISION SCIENCE) BY RESEARCH

KD [R/726/7/0002] [10/26] [MQA/FA2553]

FULLY ACCREDITED

The Master of Science (Vision Science) by Research is a postgraduate programme tailored for professionals seeking advanced knowledge and research expertise in the areas of ocular health, clinical optometry, and visual science. It provides a solid foundation in scholarly research and scientific inquiry within the field, enabling students to contribute meaningfully to the advancement of eye care practices and vision-related technologies.

This programme focuses on the development of critical research competencies through close academic supervision, rigorous methodological training, and in-depth exploration of specialised topics. It supports research in a wide spectrum of subject areas, including visual function, ocular pathology, binocular vision, low vision rehabilitation, and emerging trends in optometric innovation. Emphasis is placed on real-world application and the integration of evidence-based solutions into clinical or industry settings.

You'll will gain advanced proficiency in both qualitative and quantitative research methods, data analysis, academic writing, and the ethical conduct of research. The curriculum is designed to nurture independent thinking and scientific precision, preparing graduates to lead research initiatives, inform public health strategies, or contribute to policy development in vision care.

In addition to building technical expertise, the programme fosters intellectual curiosity and a mindset geared towards discovery and innovation. Graduates are well-positioned to pursue careers in academia, healthcare research, the optical and pharmaceutical industries, or to continue on to doctoral-level study in related disciplines.

Whether you're an optometrist, vision therapist, researcher, or healthcare professional, this programme offers the opportunity to deepen your understanding of vision science and expand your impact in a field that directly shapes lives.

Programme Modules

Year 1

- Advanced Quantitative Research Methods
- Advanced Qualitative Research Methods
- Thesis

Year 2

- Thesis

Career Opportunities

Graduates of the MSc (Vision Science) by Research programme are equipped to pursue diverse roles across clinical, academic, and industry sectors, including:

- \* Vision Science Researcher
- \* Clinical Trials Coordinator
- \* Academic Lecturer or Faculty Member
- \* Specialist Optometrist
- \* Ocular Diagnostics Consultant
- \* Product Development Executive (Optical/Pharma)
- \* Low Vision and Rehabilitation Specialist

The programme also serves as a gateway for further academic progression into PhD programmes in clinical optometry, biomedical sciences, or related research fields.





## BACHELOR OF OPTOMETRY (HONS)

[R2/0914/6/0008][11/27](MQA/A11255)

FULLY ACCREDITED

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

The programme also draws on the expertise of adjunct lecturers comprising Biomedical Scientists, Medical Practitioners, Ophthalmic Surgeons, and Private Practice Optometrists. Clinical training of students is carried out both at the internal clinics on campus "SEGi EyeCare", as well as at external sites ranging from private Optometric practices, Refractive Surgery Centres and private Ophthalmologic clinics.

### Programme Modules

#### Year 1

- Theoretical Optics
- Human Body
- Biological Foundations
- Philosophy and Current Issues
- Bahasa Melayu Komunikasi 2 / Penghayatan Etika dan Peradaban
- Bahasa Kebangsaan A / Effective Listening
- Optometric Optics
- Human Vision System
- Clinical Optometry I
- Agents & Mechanisms of Disease
- Integrative Seminar I
- Integrity and Anti-Corruption

#### Year 2

- Dispensing Optics I
- Processes of Vision
- Clinical Optometry II
- Business Ethics
- Entrepreneurship
- Dispensing Optics II
- Applied Vision Science
- Binocular Vision Function
- Further Investigative Techniques I
- Disorders of Binocular Vision/Paediatrics I
- Contact Lenses I
- Ocular Drugs in Optometry I
- Integrative Seminar II
- Co-curriculum: Sustainability Thinking

#### Year 3

- Optical Dispensing Workshop I
- Psychology for Optometry
- Introductory Clinical
- Further Investigative Techniques II
- Low Vision
- Disorders of Binocular Vision/Paediatrics II
- Contact Lenses II
- Ocular Disease for Optometry I
- Ocular Drugs in Optometry II
- Principles of Refractive Care
- Optical Dispensing Workshop II
- Occupational and Public Health Optometry
- Routine Care Clinic I
- Further Ocular Care
- Clinical Low Vision
- Clinical Contact Lenses
- Clinical Binocular Vision/Paediatrics
- Ocular Disease for Optometry II
- Essential General Medicine
- Industrial Placement I

#### Year 4

- Optical Dispensing Practice I
- Practice Issues
- Routine Care Clinic II
- Case Analysis I
- Binocular Vision & Paediatrics Clinic I
- Contact Lens Clinic I
- Low Vision Clinic I
- Further Care Clinic I
- Research I
- Industrial Placement II
- Optical Dispensing Practice II
- Routine Care Clinic III
- Case Analysis II
- Binocular Vision & Paediatrics Clinic II
- Contact Lens Clinic II
- Low Vision Clinic II
- Further Care Clinic II
- Research II

### Career Opportunities

As graduates, you can pursue your career in the following areas: professional private optometric practice (solo or group), retail optical practices ophthalmology clinics, hospital eye departments, and multi-national optical companies.

## BSc (HONS) OPTOMETRY

KD [N/726/6/0092][09/26](MQA/PA11197)

APEL A/C

The BSc (Hons) Optometry at SEGi University is a groundbreaking two-year Bachelor's degree, tailored for swift entry into the optometry profession without compromising on quality. It merges theoretical knowledge with practical skills through a unique blend of online and on-campus learning, complemented by work-based experiences. This programme is special designed for registered opticians, aiming to elevate their expertise in comprehensive eye care.

Leveraging flexible learning models and financial support, SEGi ensures accessibility and adaptability for all students. The curriculum, enriched by expert instruction and state-of-the-art facilities, covers vision sciences, clinical practice, and more, offering hands-on experience through industry projects integrated directly into the coursework. This approach not only enhances learning but also provides real-world exposure, guided by seasoned professionals.

Graduates are well-prepared for a variety of roles in the optometry sector, equipped with the skills to thrive in an ever-evolving industry.

### Programme Modules

#### Year 1

- Clinical Visual Optics
- Binocular Vision & Visual Development
- Biomedical Sciences I
- Philosophy & Current Issues
- Penghayatan Etika & Peradaban
- Biomedical Sciences II
- Community Optometry
- Clinical Practice II
- Optometric Sciences
- Ocular Diagnostic Techniques
- Binocular Vision Clinic
- Bahasa Kebangsaan A/Effective Listening

#### Year 2

- Ocular Disease
- Contact Lenses
- Advanced Ocular Care Clinic
- Dissertation I
- Integrity and Anti-corruption
- Contact Lens Clinic
- Primary Clinical Analysis
- Low Vision & Further Optometric Care
- Low Vision Clinic
- Advanced Clinical Analysis
- Professional Practice
- Dissertation II
- Co-curriculum: Sustainability Thinking

### Career Opportunities

As graduates, you can pursue your career in the following areas: professional private optometric practice (solo or group), retail optical practices ophthalmology clinics, hospital eye departments, and multi national optical companies.

COMPLETE IN  
**2 YEARS**  
ACCELERATED  
OPTOMETRY PROGRAMME  
FOR REGISTERED  
MALAYSIAN OPTICIANS







**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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**segi.edu.my**

Chat with us today!  
**SCAN HERE**

