



SEGi
University
& Colleges

OPTOMETRY

/ɒp'tɒm.ə.tri/ **noun**

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

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



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



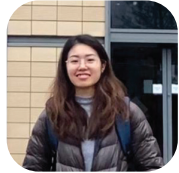
FROM SEGi TO THE WORLD STAGE

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.



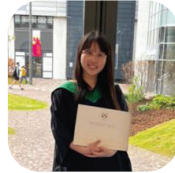
Bui Vinh Anh

- 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">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) <p>ENGLISH REQUIREMENT:</p> <ul style="list-style-type: none">Minimum band of 5 in the IELTS or equivalent
Bachelor of Optometry (Hons)		<ul style="list-style-type: none">SPM 5 credits including 2 Science subjects (for applicants with Foundation or Matriculation in Science)STPM (Science) with minimum CGPA of 2.50; ORUEC (minimum B5 in 3 Science subjects, B6 in other 2 other subjects and must have passed SPM); OR3Ds in A-Level (Science); ORFoundation/Pre-University (Science) with CGPA of 2.5 or above; ORAny equivalent Pre-U qualifications (Science) ORBachelor Degree in Health or Pure or Applied Sciences (CGPA of 2.75 or above)Diploma in Opticianry or Optical Dispensing (CGPA of 2.75 or above)Diploma in any Science based discipline (CGPA of 2.75 or above)
BSc (Hons) Optometry		<ul style="list-style-type: none">Open to opticians registered with The Malaysian Optical CouncilPossess any of the following:<ul style="list-style-type: none">Diploma in Opticianry (At least 2-year MOC registration) ^*Fellow of British Dispensing Optician (FBDO) (At least 3-year MOC registration) ^*+Bachelor’s Degree (Level 6 MQF) in any field other than Science (Since 1991 in practice) ^*Diploma (Level 4 MQF) in any field other than Science (Since 1991 in practice) ^*SPM with 3 credits in any Science subjects (Since 1991 in practice) ^*+No formal academic qualifications (Since 1991 in practice) ^*+

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

The information in this brochure is correct at the time of printing (Apr 2025).
Changes may be made without prior notice. Copyright 2025. All rights reserved.

segi.edu.my

Chat with us today!
SCAN HERE

