



**SEGi**  
University &  
Colleges

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# OPTOMETRY

/ɒp'tɒm.ə.tri/ **noun**

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

### 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



# 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) <sup>^*</sup></li> <li>- Fellow of British Dispensing Optician (FBDO) (At least 3-year MOC registration) <sup>^*+</sup></li> <li>- Bachelor's Degree (Level 6 MQF) in any field other than Science (Since 1991 in practice) <sup>^*</sup></li> <li>- Diploma (Level 4 MQF) in any field other than Science (Since 1991 in practice) <sup>^*</sup></li> <li>- SPM with 3 credits in any Science subjects (Since 1991 in practice) <sup>^*+</sup></li> <li>- No formal academic qualifications (Since 1991 in practice) <sup>^*+</sup></li> </ul> </li> </ul>

## Require <sup>^</sup> 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.**

## 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 programme aims to provide you with a firm grounding in scholarly research work in vision science that encompasses the subject areas of ocular and visual science through clinical optometry.

The programme forms the initial platform for vision related professionals to advance their knowledge on the scientific foundations of vision science by pursuing supervised research work in clinical optometry or clinical vision science.

### Programme Modules

#### Year 1

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

#### Year 2

- Thesis

### Career Opportunities

An optometrist is a healthcare professional who provides Primary Eye Care ranging from vision testing and correction to the diagnosis and management of vision disorders with pathological causes. With routine hours and a good income, optometrists enjoy a lifelong career with a satisfying lifestyle. Career opportunities include professional private optometric practice (solo or group), retail optical practices, ophthalmology clinics, hospital eye departments, and multi-national optical industry.



# BACHELOR OF OPTOMETRY (HONS)

KD (R2/726/0063) (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

- Essential Basic Sciences
- Mathematical Techniques
- Biomedical Sciences for Optometry I & II
- Human Biology
- Ocular Biology
- Geometrical & Physical Optics
- Clinical Studies I
- Philosophy & Current Issues
- Penghayatan Etika dan Peradaban/  
Bahasa Melayu Komunikasi II
- Bahasa Kebangsaan A/  
Effective Listening

### Year 2

- Biomedical Sciences for Optometry III
- Ocular Optics I & II
- Visual Science I & II
- Clinical Studies II
- Speciality Clinical Studies I
- Optometric Use of Drugs I
- Business Ethics
- Co-curriculum: Sustainability Thinking
- Integrity and Anti-corruption

### Year 3

- Foundations of Ocular Disease
- Speciality Clinical Studies II
- Basic Clinical Practice
- Optometric Use of Drugs II
- Behavioural Science in Vision Care
- Ophthalmic Dispensing Workshop I & II
- Ocular Disease in Primary Care
- Care of Functional Visual Disorders
- General Clinic I
- Speciality Clinics A & B
- Occupational & Environmental Optometry
- Industrial Placement I
- Entrepreneurship

### Year 4

- General Medicine in Optometry
- Public Health & Community Optometry
- Professional Issues in Optometry
- General Clinic II & III
- Contact Lens Clinic I & II
- Binocular Vision/Paediatric Clinic I & II
- Advanced Ophthalmic Care Clinic I & II
- Low Vision Clinic I & II
- Optometric Case Studies I & II
- Project/Dissertation I & II
- Industrial Placement 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.

# ELECTIVE COURSES

## DIPLOMA LEVEL

No	Scholarship Name	School	Credit Value	No	Scholarship Name	School	Credit Value
1	Business and Company Law	Business and Accounting	3	28	CyberPsychology	Psychology	3
2	Business Communication		3	29	Positive Psychology		3
3	Business Management		3	30	Social Psychology		3
4	Cost Accounting		3	31	Understanding the Child's Growth and Development	Early Childhood Education	3
5	Data Analysis		3	32	Play & Learning for Young Children		3
6	Financial Accounting 1		3	33	Physical Education & Health Care for Young Children		3
7	Introduction to Business		3	34	Safety & Well-being of Young Children		3
8	Introduction to Finance		3	35	Global Citizenship for Young Children		3
9	Introduction to Management Accounting		3	36	An Introduction to Montessori Pedagogy	3	
10	Introduction to Marketing		3	37	Music for Children	Music	3
11	Principles of Management		3	38	Music Appreciation 1: Aesthetic & Style		3
12	Social Media Marketing		3	39	Music Appreciation 5: World Music		3
13	Technopreneurship		3	40	Music Fundamentals 1: Fundamental Theory	3	
14	Consumer Behaviour		4	41	Print Production	Hospitality & Tourism / Creative Arts & Design	3
15	Corporate Audit		4	42	Advertising Creativity		3
16	Digital and Service Marketing		4	43	Wedding Planning and Management	Hospitality & Tourism	3
17	Digital Marketing		4	44	Wine Management		3
18	Finance		4	45	Introductory to French		3
19	Human Resource Management		4	46	Food & Its Culture	3	
20	Integrated Marketing Communication		4	47	Principles of Electronics & Electrical Engineering	Engineering	3
21	International Business		4	48	Engineering Drawing		3
22	Marketing Management		4	49	Fundamental of Photography	Creative Arts & Design	3
23	Operations Management		4	50	Digital Graphics		3
24	Organisational Behaviour		4	51	Introduction to Multimedia & Animation		4
25	Personal Selling		4	52	Interactive Web Design		4
26	Industrial and Organisational Psychology	3	53	Videography	4		
27	General Psychology	Psychology	3	54	Presentation Skills	3	

## CERTIFICATE LEVEL

No	Scholarship Name	School	Credit Value	No	Scholarship Name	School	Credit Value
1	Basic Financial Accounting	Business and Accounting	3	7	Basic Management	Business and Accounting	3
2	Introduction to Human Resource Management		3	8	Basic Marketing		3
3	Business Ethics		3	9	Business Communication and Writing		3
4	Basic Statistics		3	10	Basic Finance	3	
5	Basic Business Principles		3	11	The Basics of Physical Education and Health Care in Early Childhood	Early Childhood Education	3
6	Introduction to Cost Accounting		3	12	Fundamental Photography	Creative Arts & Design	4



**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](http://segi.edu.my)

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