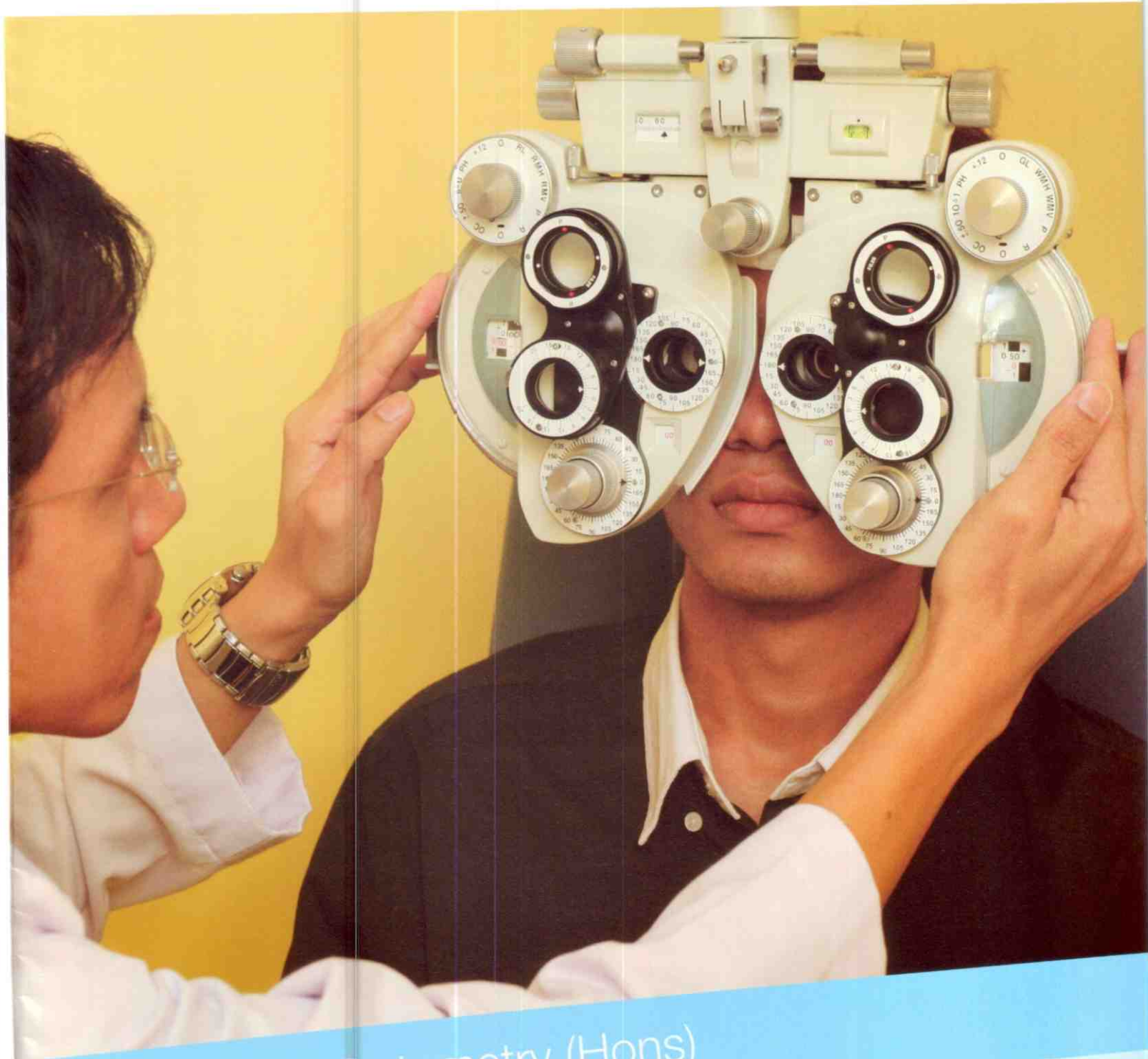




SEGi
University
College



Bachelor of Optometry (Hons)

SEGi University College's Edge in Optometry



Modern & up-to-date curriculum

The Optometry curriculum at SEGi was developed after consultation with both local and overseas bodies governing the professional practice of Optometry. The curriculum presents all aspects of the essential basic sciences, vision sciences, optical practice, as well as general and speciality practices in Optometry within a 4-year study period. The curriculum also takes into account the required biomedical body of knowledge which has become a core area of study in optometric curricula; thus, preparing graduates for an extended scope of practice in Optometry.



Early extensive and varied clinical experience

The SEGi programme prepares students for patient encounters in a variety of real world scenarios through early clinical practice. This is achievable through our own clinical centre, SEGi EyeCare, and its extensive clinical network which includes General Optometric Practices, Ophthalmology Clinics and Hospital Eye Departments. Clinical training begins as early as the first year. Students progress through the various complexities of clinical training as they move through our clinical system, in tandem with their progression in their years of study at SEGi.



Excellent & unrivalled facilities

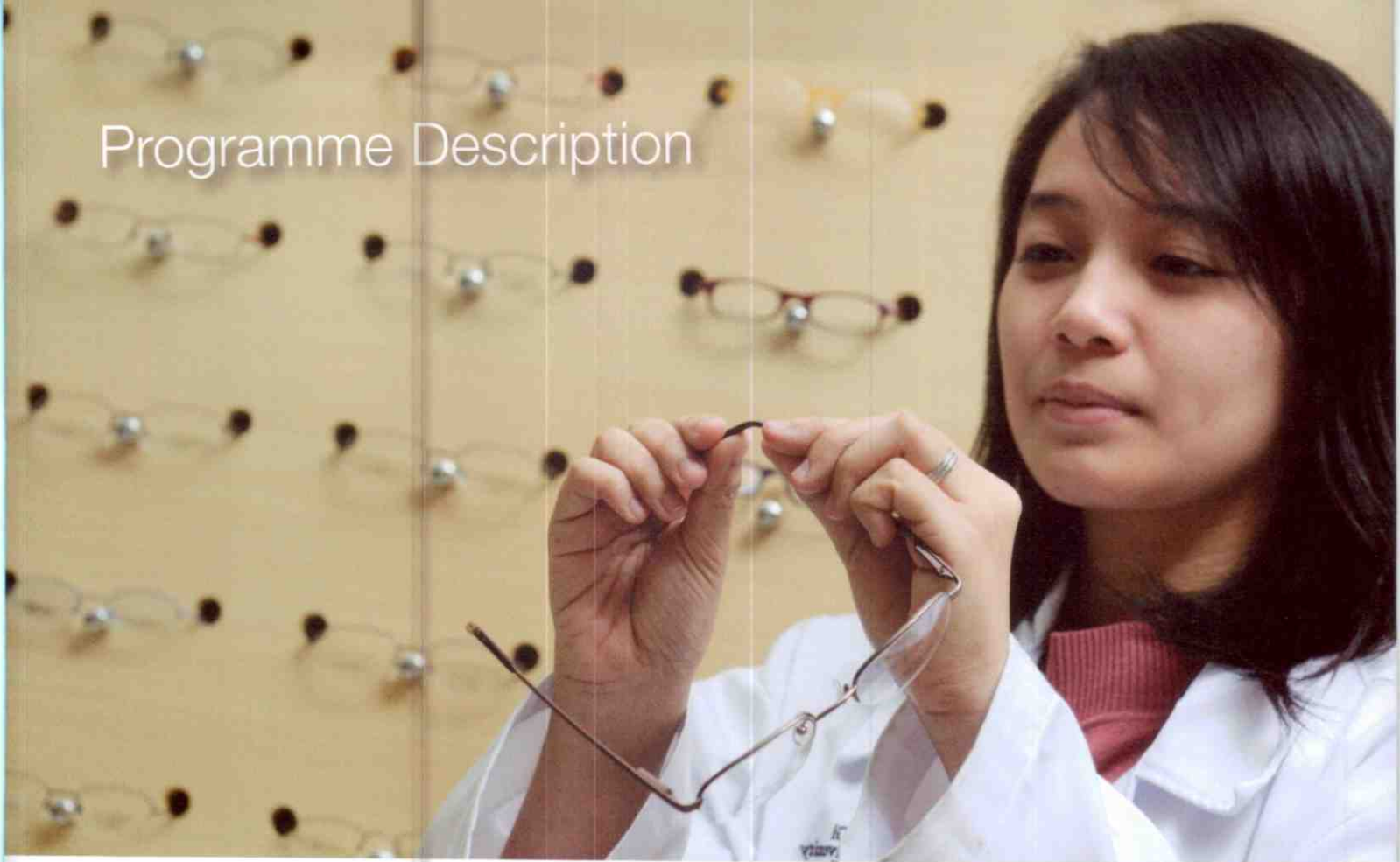
The SEGi Kota Damansara campus houses the Faculty of Optometry & Vision Sciences and the clinical centre, SEGi EyeCare. Our dedicated laboratories in the disciplines of Optics, Vision Sciences and Clinical Optometric Sciences are modern and complete with all the necessary facilities for effective teaching of the Optometry programme. Our clinical system under the umbrella of SEGi EyeCare consists of both general optometric clinic and speciality clinics, plus an optical dispensary. With such an excellent learning environment, students' academic and clinical experience will be unrivalled.



Experienced and highly qualified teaching staff

The faculty engages both full-time and part-time academic staff. SEGi prides itself on having a strong team of full-time academics who are qualified, registered optometrists with a range of academic, hospital and private practice experience. Staff from Pharmacy, Dentistry and Medicine also contribute to the teaching of biomedical modules while specialist optometrists from private practice participate in the clinical supervision of students in the clinics.

Programme Description



Bachelor of Optometry (Hons)

The SEGi Bachelor of Optometry (Hons) programme is a privately run undergraduate Optometry programme in one of the most prestigious private university colleges in the country. The excellent track record of its academic staff who have been in private optometric education since 2004 speaks for itself. Its laboratory and clinical facilities are on par with overseas institutions that offer the undergraduate Optometry programme.

The programme is run by full-time optometrically qualified lecturers, while also drawing on the expertise of external/visiting lecturers comprising Biomedical scientists, Medical Practitioners, Ophthalmic Surgeons and Practising Optometrists. Clinical training of students is carried out both in the internal clinics on campus, as well as at external sites ranging from private Optometric practices, Refractive Surgery Centres, private Ophthalmologic clinics and Hospital Eye departments.

The BOptom (Hons) at SEGi University College is a 4-year programme that is wholly home-grown with potential for external validation by an overseas quality partner. Efforts are in progress to partner up with a well established institution in the United Kingdom to obtain the said external validation. This effectively will mean that graduates of the programme are regarded as academically equivalent with those graduating from the partner's programme.

The SEGi BOptom (Hons) programme is approved by the Malaysian Optical Council. Upon full accreditation, the programme will be included in the list of registrable qualifications within the Malaysian Optical Act (1991).

The BOptom (Hons) at SEGi is a programme that aims to produce graduates who are not only competent clinically in the art and science of eye care, but also with an excellent know-how of the business of vision care in a wider perspective.

Career Opportunities

Optometry graduates have the opportunity to work in government hospitals, private practices, ophthalmic or contact lens industry, research and also tertiary education.

SEGi University College Optometry Programme

Year 1
<p> Essential Basic Sciences Mathematical Techniques Biomedical Sciences for Optometry I/II Human Biology Bahasa Kebangsaan A/B Ocular Biology Geometrical & Physical Optics Clinical Studies I Malaysian Studies </p>
Year 2
<p> Biomedical Sciences for Optometry III Ocular Optics I/II Visual Science I/II Clinical Studies II Islamic/Moral Studies Speciality Clinical Studies I Optometric Use of Drugs I Business Ethics </p>
Year 3
<p> Foundations of Ocular Disease Speciality Clinical Studies II Basic Clinical Practice Optometric Use of Drugs II Psychology in Vision Care Entrepreneurship Ocular Disease in Primary Care Care of Functional Visual Disorders General Clinic I Speciality Clinics A/B Occupational & Environmental Optometry Ophthalmic Dispensing Workshop I/II Industrial Placement I </p>
Year 4
<p> General Medicine in Optometry Public Health & Community 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 </p>



Entry Requirements

STPM with 3 principal passes, A-Levels, pass in relevant Foundation or Pre-University programme with CGPA of 2.5 or above, or other equivalent qualifications (Science Subjects)

Why Study Optometry at SEGi ?



Prof. Azrin E. Ariffin
Dean, Faculty of Optometry & Vision Sciences

Train for a rewarding career in optometry in private practice, hospitals or research.

SEGi University College offers the most modern and contemporary optometry degree in Malaysia, and is one of only a few institutions to offer, privately, an optometry course in the country. Our Bachelor of Optometry (Hons) will help you gain knowledge and expertise in subjects relating to the identification and treatment of functional visual disorders, and pathological disorders of the vision system.

Our campus in Kota Damansara includes state-of-the-art facilities such as our eye care centre named SEGi Eye Care which allows students to study optometry in a real world setting and to gain practical experience using the latest specialised equipment.

The programme emphasises clinical practice and offers an excellent integrated, professional and scientific education in optometry. Clinical placements also occur in hospital eye departments, private optometry/ophthalmology practices and Centre for the Blind. These will let you apply the knowledge and skills you gain during your course prior to starting your career in optometry in Malaysia or abroad.

The SEGi 4-Year Bachelor of Optometry (Hons) is set to be *the* optometry programme in the country for maximum student satisfaction. It provides you with the theoretical and practical knowledge and skills needed to become a qualified optometrist.

The first year will develop your knowledge of the basic scientific principles that underpin optometry. These skills will be developed in your second year, providing you with the skills and knowledge to conduct a full eye examination routine. You will go on to study the biological links between eye and brain and gain further skills in contact lens fitting, optical instrumentation and research methods.

Independent clinical and scientific skills will be developed in the final years of the programme. You will examine patients in our public service clinics and pursue an area of particular personal interest in more depth through a final year research/dissertation study.



A Typical Optometric Consulting Room



Non-mydriatic Fundus Camera



Humphrey Visual Analyser



SEGi EyeCare - Optical Dispensary



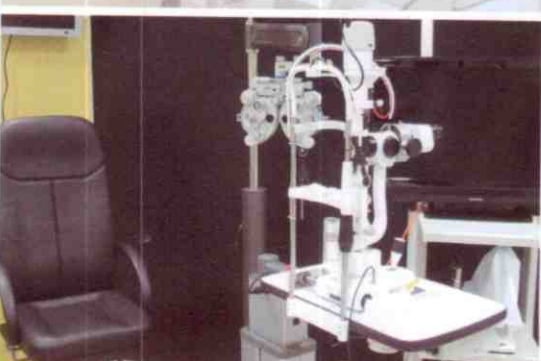
Keratometer



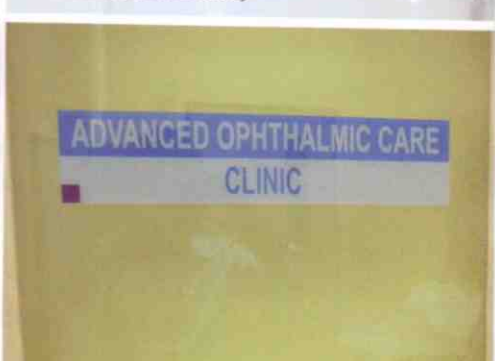
Pre-Clinical Laboratory



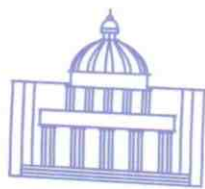
Ophthalmic Dispensing Laboratory



Teaching Cubicle



Advanced Ophthalmic Care Clinic



**SEGi
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passion guided, industry driven university

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