

(122-MED-21-02) B.SC. - OPTOMETRY

Significance of Program

Optometrists make an impact every day. A single comprehensive eye exam can lead to a patient obtaining corrective lenses, discovering a previously undetected eye injury or disease, or receiving services such as low-vision rehabilitation or vision therapy

Career Options

Although an optometrist has virtually unlimited options, some of the significant career options an optometrist have are:

- Optometry Researcher.
- Orthoptics specialist.
- Optician.
- Ocular prosthetics specialist.
- Sports Vision Consultant.
- Paediatric optometrist.
- Refractions Specialist.
- Ophthalmic Assistant.

Program Objectives

Improvement and conservation of human vision. The enhancement and development of primary eye and vision care by optometrists. The promotion of high standards of education and practice by optometrists including by the promotion of international co-ordination of optometrists.

Outcomes of the Program

The corporate optometrist is assigned to work on the eye health of employees and help them on a daily basis to improve their eye conditions. After a BSc in optometry, candidates can open their own clinic and start their own eye care clinics

Major Course Outline

BSc Optometry syllabus is divided into six semesters over the course of three years that is focused on dealing with diseases and inventing methods to treat eyes against pollution and ultraviolet rays. Optometry subjects include vision theory, orthoptics, clinical optometry, dispensing optics, etc.

- Basic Biochemistry
- Optometric Instruments
- Ophthalmic Optics

- Mechanical Optics
- Ocular Microbiology
- Geriatric Optometry
- Optic Dispensation
- Pediatric Ophthalmology

CORE	Electives	Skill Course
Ophthalmic Optics Mechanical Optics Ocular Microbiology Geriatric Optometry Optic Dispensation Pediatric Ophthalmology	LIGHT-PHYSICS	Basic computers