

B.S. Optometry (Sankara Nethralaya)

Type of Input: 10+2 from Central / State Board or its equivalent with Physics, Chemistry & Mathematics / Biology along with adequate proficiency in English. Short-listed candidates will be required to take a Written Test and Interview at their own expense for getting admission.

Duration Normally Eight Semesters

Special Feature: This is a specially designed four-year integrated programme with classes and laboratory work conducted entirely at Sankara Nethralaya Medical Research Foundation (MRF), 18, College Road, Nungambakam, Chennai – 600 006.

Year	First Semester	U	Second Semester	U
I	OPTO ZC111 Functional English & Communication	3	OPTO ZC131 Physical Optics	4
	Computer Programming	3	OPTO ZC142 Ocular Anatomy	2
	OPTO ZC211 Basic Biochemistry I	3	OPTO ZC152 Ocular Physiology	3
	OPTO ZC141 General Anatomy	3	OPTO ZC162 Basic Biochemistry II	3
	OPTO ZC151 General Physiology	2	OPTO ZC121 Mathematics I	2
	OPTO ZC161 Basic Accountancy	5	OPTO ZC182 Principles of Lighting	1
	OPTO ZC112 Nutrition	2	OPTO ZC122 Public Relations	1
	OPTO ZC172 Hospital Procedures	1	OPTO ZC171 Geometric Optics I	4
	OPTO ZC133	1		
	Total	20	Total	20
II	OPTO ZC192 Mathematics II	2	OPTO ZC132 Pharmacology	2
	OPTO ZC221 Optometric Optics I	3	OPTO ZC212 Medical Psychology	1
	OPTO ZC231 Optometric Instruments	3	OPTO ZC222 Pathology & Microbiology	3
	OPTO ZC241 Clinical Exam of Visual System	2	OPTO ZC232 Optometric Optics II	3
	OPTO ZC251 Ocular Diseases I	3	OPTO ZC242 Ocular Diseases II	3
	OPTO ZC261 Visual Optics I	2	OPTO ZC252 Visual Optics II	3
	OPTO ZC123 Geometric Optics II	3	OPTO ZC272 Clinics II	5
	OPTO ZC281 Clinics I	4	OPTO ZC292 Monocular Sensory Perception	2
	Total	22	Total	22
III	OPTO ZC282 Dispensing Optics	3	OPTO ZC312 Binocular Vision II	1
	OPTO ZC311 Binocular Vision I	1	OPTO ZC322 Law & Optometry	1
	OPTO ZC323 Contact Lens I	1	OPTO ZC324 Contact Lens II	1
	OPTO ZC331 Systemic Disease	1	OPTO ZC332 Public Health & Community Optometry	1
	OPTO ZC341 Glaucoma	1	OPTO ZC342 Pediatric Optometry	1
	OPTO ZC371 Clinics & Special Clinics I	8	OPTO ZC352 Occupational Optometry	2
	OPTO ZC381 Low Vision Aids	1	OPTO ZC372 Clinics & Special Clinics II	8
	OPTO ZC421 Epidemiology	3	OPTO ZC382 Geriatric Optometry	1
	OPTO ZC431 Biostatistics	3	OPTO ZC422 Project	5
	Total	22	Total	21
IV	OPTO ZC411 Internship I	20	OPTO ZC412 Internship II	20
	Total	20	Total	20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants. Students with marginal deficiency in Mathematics or Biology would be additionally required to register in OPTO ZC181 Remedial Mathematics (2 units) or OPTO ZC191 Remedial Biology (2 units) in the first year first semester.

B.S. Optometry (LVPEI, Hyderabad)

Type of Input: 10+2 from Central / State Board or its equivalent with Physics, Chemistry & Mathematics / Biology along with adequate proficiency in English. Short-listed candidates will be required to take a Written Test and Interview at their own expense for getting admission.

Duration Normally Eight Semesters

Special Feature: This is a specially designed four year integrated programme with classes and laboratory work conducted entirely at Bausch & Lomb School of Optometry, L.V. Prasad Eye Institute (LVPEI), Kismatpur Campus, Rajendra Nagar, Hyderabad – 500 030.

Year	First Semester	U	Second Semester	U
I	OPLVP ZC111 Introductory Optometry	2	OPLVP ZC112 General Anatomy	2
	OPLVP ZC121 Ocular Anatomy	2	OPLVP ZC122 General Physiology	5
	OPLVP ZC131 Ocular Physiology	3	OPLVP ZC132 Pharmacology	2
	OPLVP ZC141 Physical Optics	4	OPLVP ZC142 Basic Biochemistry II	3
	OPLVP ZC151 Basic Biochemistry I	3	OPLVP ZC152 Pathology & Microbiology	3
	OPLVP ZC161 Functional English and Communication	3	OPLVP ZC171 Mathematics I	2
	OPLVP ZC181 Geometric Optics I	4	OPLVP ZC172 Geometric Optics II	3
			OPLVP ZC272 Computer Programming	3
			OPLVP ZC192 Visual Optics I	2
		Total	21	Total
II	OPLVP ZC162 Mathematics II	2	OPLVP ZC212 Dispensing Optics	3
	OPLVP ZC211 Low Vision Aids	1	OPLVP ZC222 Optometric Optics II	3
	OPLVP ZC221 Optometric Optics I	3	OPLVP ZC232 Nutrition	1
	OPLVP ZC231 Optometric Instruments	3	OPLVP ZC242 Ocular Diseases II	3
	OPLVP ZC241 Clinical Examination of Visual Systems	2	OPLVP ZC252 Contact Lens I	1
	OPLVP ZC251 Clinics I	4	OPLVP ZC262 Binocular Vision I	1
	OPLVP ZC261 Visual Optics II	3	OPLVP ZC282 Clinics II	5
	OPLVP ZC271 Ocular Diseases I	3	OPLVP ZC312 Geriatric Optometry	1
	OPLVP ZC281 Public Health and Community Optometry	1		
	Total	22	Total	18
III	OPLVP ZC311 Biostatistics	3	OPLVP ZC182 Hospital Procedures	1
	OPLVP ZC321 Systemic Disease	1	OPLVP ZC322 Pediatric Optometry	1
	OPLVP ZC331 Epidemiology	3	OPLVP ZC332 Principles of Lighting	1
	OPLVP ZC341 Clinics & Special Clinics I	8	OPLVP ZC342 Medical Psychology	1
	OPLVP ZC351 Contact Lens II	1	OPLVP ZC352 Occupational Optometry	2
	OPLVP ZC361 Binocular Vision II	1	OPLVP ZC362 Law and Optometry	1
	OPLVP ZC371 Basic Accountancy	2	OPLVP ZC372 Clinics and Special Clinics II	8
	OPLVP ZC381 Public Relations	1	OPLVP ZC382 Project	5
	Total	20	Total	20
IV	OPLVP ZC411 Internship I	20	OPLVP ZC412 Internship II	20
	Total	20	Total	20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants. Student with marginal deficiency in Mathematics or Biology would be additionally required to register in OPLVP ZC113 Remedial Mathematics (2 units) or OPLVP ZC114 Remedial Biology (2 units) in the first year first semester.

B.S. Optometry (The Tun Hussein Onn National Eye Hospital, Malaysia)

Type of Input: 10+2 from Central / State Board or its equivalent with Physics, Chemistry & Mathematics / Biology along with adequate proficiency in English.

Duration: 8 Semesters

Special feature: This is a specially designed four-year integrated programme with classes and laboratory work conducted entirely at The Tun Hussein Onn National Eye Hospital, Malaysia.

Semesterwise Pattern

Year	First Semester			Second Semester		
I	OPTOM ZC111	Functional English and Communication	3	OPTOM ZC112	Basic Accountancy	2
	OPTOM ZC121	Mathematics I	2	OPTOM ZC142	Ocular Anatomy	4
	OPTOM ZC131	Physical Optics	4	OPTOM ZC152	Ocular Physiology	3
	OPTOM ZC141	Basic Biochemistry I	3	OPTOM ZC162	Basic Biochemistry II	3
	OPTOM ZC151	General Anatomy	3	OPTOM ZC171	Geometric Optics I	3
	OPTOM ZC161	General Physiology	4	OPTOM ZC172	Nutrition	1
					OPTOM ZC182	Principles of Lighting
				OPTOM ZC192	Mathematics II	2
				OPTOM ZC211	Computer Programming	2
		Total	19		Total	21
II	OPTOM ZC122	Public Relations	1	OPTOM ZC132	Pharmacology	2
	OPTOM ZC123	Geometric Optics II	3	OPTOM ZC212	Medical Psychology	1
	OPTOM ZC221	Optometric Optics I	3	OPTOM ZC222	Pathology/Microbiology	3
	OPTOM ZC231	Optometric Instruments	3	OPTOM ZC232	Optometric Optics II	3
	OPTOM ZC241	Clinical Exam for Visual Systems	2	OPTOM ZC242	Ocular Diseases II	3
	OPTOM ZC251	Ocular Diseases I	3	OPTOM ZC252	Visual Optics II	3
	OPTOM ZC261	Visual Optics I	2	OPTOM ZC272	Clinics II	5
	OPTOM ZC281	Clinic I	4			
		Total	21		Total	20
III	OPTOM ZC282	Dispensing Optics	2	OPTOM ZC312	Binocular Vision II	2
	OPTOM ZC311	Binocular Vision I	1	OPTOM ZC322	Law Optometry	1
	OPTOM ZC323	Contact Lens I	2	OPTOM ZC324	Contact Lens II	2
	OPTOM ZC331	Systemic Diseases	1	OPTOM ZC332	Public Health Community Optometry	1
	OPTOM ZC341	Glaucoma	1	OPTOM ZC342	Pediatric Optometry	1
	OPTOM ZC371	Clinic & Special Clinics I	6	OPTOM ZC352	Occupational Optometry	2
	OPTOM ZC381	Low + Vision Aids	1	OPTOM ZC372	Clinics & Special Clinics II	6
	OPTOM ZC421	Epidemiology	1	OPTOM ZC382	Geriatric Optometry	1
	OPTOM ZC431	Biostatistics	2	OPTOM ZC422	Project/Dissertation	5
		Total	17		Total	21
IV	OPTOM ZC411	Internship I	10	OPTOM ZC412	Internship II	10
		Total	10		Total	10

Note: This is the currently operative pattern as approved by the Senate appointed committee, subject to change if the situation warrants. Students with marginal deficiency in Mathematics or Biology would be additionally required to register in OPTOM ZC181 Remedial Mathematics (2 units) or OPTOM ZC191 Remedial Biology (2 units) in the first year first semester. Students may also be required to register in OPTOM ZC101T Bahasa Kebangsaan (3 units), OPTOM ZC102T Pendidikan Moral (3 units) or OPTOM ZC103T Pendidikan Islam (3 units), and OPTOM ZC104T Malaysian Studies (3 units) to satisfy requirements as prescribed by the Malaysian Qualification Agency, during the first three semesters.