

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	<i>First Semester</i>		U	<i>Second Semester</i>		U
I	OPTO ZC111	Functional English & Communication	3	OPTO ZC131	Physical Optics	4
		Computer Programming		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	<i>First Semester</i>		U	<i>Second Semester</i>		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		25
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			U	Second Semester			U
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		1
					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.