

Program Structure B.Optomtry (2024-28)



Galgotias University, G.Noida, Uttar Pradesh.
School of Allied Health Sciences
Department of Optometry
Programme: B.Optomtry (2024-28)

SEMESTER I

Course Code	Course Name	L	T	P	C
	General Anatomy-I	2	0	0	2
	General Physiology-I	2	0	0	2
	Geometrical Optics-I	3	0	0	3
	Nutrition	2	0	0	2
	General Biochemistry	2	0	0	2
	Professional Communication-I	1	0	4	3
	General Anatomy Lab-I	0	0	2	1
	General Physiology Lab-I	0	0	2	1
	Geometrical Optics Lab-I	0	0	2	1
	General Biochemistry Lab	0	0	2	1
	Computer Fundamentals Lab	0	0	2	1
	Creative and Liberal Arts	0	0	2	1
	Total	12		16	20

Semester II

Course Code	Course Name	L	T	P	C
	Ocular Anatomy	3	0	0	3
	Ocular Physiology	3	0	0	3
	Physical Optics	3	0	0	3
	Geometrical Optics-II	3	0	0	3
	Ocular Biochemistry	2	0	0	2
	Professional Communication-II	1	0	4	3
	Environmental Sciences	0	0	2	1
	Ocular Anatomy Lab	0	0	2	1
	Ocular Physiology Lab	0	0	2	1
	Physical optics Lab	0	0	2	1
	Geometrical Optics Lab-II	0	0	2	1
	Ocular Biochemistry Lab	0	0	2	1
	Clinical Optometry-I	0	0	2	1
	Total	15		18	24

Semester-III

Course Code	Course Name	L	T	P	C
	Ocular Microbiology	2	0	0	2
	Visual Optics-I	2	0	0	2
	Optometric Optics-I	3	0	0	3

	Optometric Instruments	2	0	0	2
	Ocular Disease-1	3	0	0	3
	Clinical Examination of Visual system	2	0	0	2
	Indian Medicine, Modern medicine & Telemedicine	1	0	0	1
	Clinical Optometry-II(VO Lab-I)	0	0	2	1
	Clinical Optometry-II(OI Lab-I)	0	0	2	1
	Clinical Optometry-II(OD Lab-I)	0	0	2	1
	AI & its applications	0	0	4	2
	Total	15		10	20
Semester-IV					
Course Code	Course Name	L	T	P	C
	Optometric Optics-II & Dispensing Optics	3	0	0	3
	Visual optics-II	2	0	0	2
	Pathology	2	0	0	2
	Basic & Ocular Pharmacology	3	0	0	3
	Ocular Disease-II and Glaucoma	3	0	0	3
	Introduction to Quality & Patient safety	2	0	0	2
	Medical Psychology	2	0	0	2
	Clinical Optometry-III(OO & DO Lab)	0	0	2	1
	Clinical Optometry-III(VO Lab-II)	0	0	2	1
	Clinical Optometry-III(OD Lab-II)	0	0	2	1
	Total	17		6	20
Semester-V					
Course Code	Course Name	L	T	P	C
	Contact lens-I	2	0	0	2
	Low Vision Care	2	0	0	2
	Geriatric & Paediatric Optometry	3	0	0	3
	Binocular Vision-I	2	0	0	2
	Systemic Disease	3	0	0	3
	Research Methodology & Biostatistics	2	0	0	2
	Campus to Corporate	3	0	0	3
	Contact lens Lab-I	0	0	2	1
	Low Vision Care Lab	0	0	2	1
	Clinical Optometry-IV	0	0	6	3
	Total	17	0	10	22
Semester-VI					
Course Code	Course Name	L	T	P	C
	Contact lens-II	2	0	0	2
	Binocular Vision -II	2	0	0	2
	Public Health & Community Optometry	2	0	0	2
	Occupational Optometry	2	0	0	2

	Entrepreneurship & Practice Management	2	0	0	2
	Medical Law & Ethics	2	0	0	2
	Contact lens Lab-II	0	0	2	1
	Binocular Vision Lab-II	0	0	2	1
	Clinical Optometry-V	0	0	6	3
	Research Project-I	0	0	4	2
	Total	12	0	14	19
Semester-VII					
Course Code	Course Name	L	T	P	C
	Clinical Internship-I	2	0	40	22
	Research Project-II	0	0	8	4
				Total	26
Semester-VIII					
Course Code	Course Name	L	T	P	C
	Clinical Internship-II	2	0	40	22
	Research Project-III	0	0	8	4
				Total	26
			Grand Total		177