

**Galgotias University, G.Noida, Uttar Pradesh.
2020-21**

Name of School:- School of Medical and Allied Sciences

B.Optomtry Program (2020-24)

SEMESTER I (Fundamentals of Life Sciences)

Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL
BOPT1001	General Anatomy-I	3	0	0	3	20	10	70	100
BOPT1002	General Physiology-I	3	0	0	3	20	10	70	100
BOPT1004	Geometrical Optics-I	3	0	0	3	20	10	70	100
BOPT1005	Nutrition	2	0	0	2	20	10	70	100
BOPT1006	General Biochemistry	2	0	0	2	20	10	70	100
FENG1001	Functional English-I(Eng & Comm.)/Communication skills by Cambridge(BE C 2)	3	0	0	3	20	10	70	100
	Waste Management Course	1	0	0	0.5				
	Liberal Arts	0	0	0	0.5				
BOPT1051	General Anatomy Lab-I	0	0	2	1	20	10	70	100
BOPT1052	General Physiology Lab-I	0	0	2	1	20	10	70	100
BOPT1054	Geometrical Optics Lab-I	0	0	2	1	20	10	70	100
BOPT1055	General Biochemistry Lab	0	0	2	1	20	10	70	100
FENG1002	Functional English Lab-I(Soft Skill)	0	0	2	1	20	10	70	100
	Total	17.5		10	26				

Semester II (Basics of Ocular sciences)

Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL
BOPT2001	Ocular Anatomy	3	0	0	3	20	10	70	100
BOPT2002	Ocular Physiology	3	0	0	3	20	10	70	100
BOPT2003	Physical Optics	3	0	0	3	20	10	70	100
II	ELECTIVES(Theory)								
BOPT2004	Infection control measures								
BOPT2005	Operation theatre management	2	0	0	2	20	10	70	100
BOPT2006	Hospital Waste Management								
BOPT2007	Geometrical Optics-II	3	0	0	3	20	10	70	100
BOPT2008	Ocular Biochemistry	2	0	0	2	20	10	70	100
FENG1003	Functional English-II(Cambridge university program)	3	0	0	3	20	10	70	100
	Environmental Sciences	1	1	0	1	20	10	70	100
BOPT2051	Ocular Anatomy Lab	0	0	2	1	20	10	70	100
BOPT2052	Ocular Physiology Lab	0	0	2	1	20	10	70	100
BOPT2053	Physical optics Lab	0	0	2	1	20	10	70	100
BOPT2054	Geometrical Optics Lab-II	0	0	2	1	20	10	70	100
BOPT2055	Ocular Biochemistry Lab	0	0	2	1	20	10	70	100
BOPT2056	Clinical Optometry-I	0	0	2	1	20	10	70	100
PENG1004	Functional English Lab-II	0	0	2	1	20	10	70	100

	Environmental Sciences	0	1	0	1				
	Total	20		16	28				
Semester-III (Introduction to Clinical Care)									
Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL
BOPT3001	Ocular Microbiology	2	0	0	2	20	10	70	100
BOPT3002	Visual Optics-I	2	0	0	2	20	10	70	100
BOPT3003	Optometric Optics-I	3	0	0	3	20	10	70	100
BOPT3004	Optometric Instruments	2	0	0	2	20	10	70	100
BOPT3005	Ocular Disease-1	3	0	0	3	20	10	70	100
BOPT3006	Clinical Examination of Visual system	2	0	0	2	20	10	70	100
BOPT3007	Indian Medicine & Telemedicine	2	0	0	2	20	10	70	100
COMP1111	Computer Fundamentals	3	0	0	3	20	10	70	100
	AI & MI	2	0	0	2				
	Foreign Language	1	0	0	0.5				
BOPT3054	Clinical Optometry-II(VO Lab-I)	1	0	2	1	20	10	70	100
BOPT3055	Clinical Optometry-II(OI Lab-I)		0	2	1	20	10	70	100

BOPT305 6	Clinical Optometry- II(OD Lab-I)		0	2	1	20	10	70	100
COMP111 2	Computer Fundamenta ls Lab(Excel &PPT Training)	0	0	2	1	20	10	70	100
	Total	21.5		8	25.5				
Semester-IV (Advance Clinical Care & Diagnostics)									
Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL
BOPT400 1	Optometric Optics-II& Dispensing Optics	3	0	0	3	20	10	70	100
BOPT400 2	Visual optics- II	2	0	0	2	20	10	70	100
BOPT400 4	Pathology	2	0	0	2	20	10	70	100
BOPT400 5	Basic & Ocular Pharmacolog y	3	0	0	3	20	10	70	100
BOPT400 8	Health care organisation	2	0	0	2	50	10	100	160
BOPT401 0	Ocular Disease-II and Glaucoma	3	0	0	3	20	10	70	100
BOPT401 1	Introduction to Quality & Patient safety	2	0	0	2	20	10	70	100
BOPT401 2	Medical Psychology	2	0	0	2	20	10	70	100

BOPT405 4	Basic & Ocular Pharmacolog y Lab	0	0	2	1	20	10	70	100
BOPT405 5	Clinical Optometry- III(OO & DO Lab)	0	0	2	1	20	10	70	100
BOPT405 6	Clinical Optometry- III(VO Lab- II)	0	0	2	1	20	10	70	100
BOPT405 7	Clinical Optometry- III(OD Lab- II)	0	0	2	1	20	10	70	100
	Total	19		8	23				
Semester-V (Specialization in Optometry)									
Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL
BOPT500 1	Contact lens- I	2	0	0	2	20	10	70	100
BOPT500 2	Low Vision Care	2	0	0	2	20	10	70	100
BOPT500 3	Geriatric & Paediatric Optometry	3	0	0	3	20	10	70	100
BOPT500 4	Binocular Vision-I	2	0	0	2	20	10	70	100
BOPT500 5	Systemic Disease	3	0	0	3	20	10	70	100
BOPT500 6	Research Methodology & Biostatistics	2	0	0	2	20	10	70	100

UHVE100 1	Universal Human Values & Ethics	3	0	0	3	20	10	70	100
BOVT500 8	Vision Technician-I	3	0	0	3	20	10	70	100
	Campus to Corporate	3	0	0	3				
BOPT505 1	Contact lens Lab-I	0	0	2	1	20	10	70	100
BOPT505 2	Low Vision Care Lab	0	0	2	1	20	10	70	100
BOPT505 5	Clinical Optometry- IV(BV Lab- I)	0	0	2	1	20	10	70	100
BOVT505 6	Clinical Optometry- IV(VT Lab- I)	0	0	4	2	20	10	70	100
	Total	23		10	26				
Semester-VI (Recent advancements in Optometry)									
Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL
BOPT600 1	Contact lens- II	2	0	0	2	20	10	70	100
BOPT600 2	Binocular Vision -II	2	0	0	2	20	10	70	100
BOPT600 3	Public Health & Community Optometry	2	0	0	2	20	10	70	100
BOPT600 5	Occupationa l Optometry	2	0	0	2	20	10	70	100
BOVT601 0	VISION Technician- II	3	0	0	3	20	10	70	100

BOPT601 1	Practice Management	2	0	0	2	20	10	70	100
BOPT601 2	Medical Law & Ethics	2	0	0	2	20	10	70	100
	IPR	0.5	0	0	0.5				
	Entrepreneurship course	1	0	0	1				
BOPT605 1	Contact lens Lab-II	0	0	2	1	20	10	70	100
BOPT605 2	Binocular Vision Lab-II	0	0	2	1	20	10	70	100
BOVT605 6	Clinical Optometry-V(VT Lab-II)	0	0	4	2	20	10	70	100
BOPT605 7	Clinical Optometry-V	0	0	2	1	20	10	70	100
VI	<u>Research Project-I</u>								
BOPT605 3	Contact lens								
BOPT605 4	Binocular Vision	0	0	4	2		30	70	100
BOPT605 5	Optometric Instruments								
	Total	16.5	0	14	23.5				
Semester-VII (Clinical Internship & Research Project)									
Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL
BOPT7001	Clinical Internship-I	2	0	40	22			100	100
BOPT7051	Research Project-II	0	0	8	4		100		100
	Total	2	0	48	26				
Semester-VIII (Clinical Internship & Research Project)									
Course Code	Course Name	L	T	P	C	MTE	IA	ETE	TOTAL

BOPT8001	Clinical Internship-II	2	0	40	22			100	100
BOPT8051	Research Project-III	0	0	8	4		100		100
	Total	2	0	48	26				
	Grand Total	121.5			204				