



School of Medical Sciences

Department of Allied Sciences

Bachelor of Optometry

Course Grid -

Semester – I

S. No.	Course code	Subject	Period			Credit	Evaluation scheme				
			L	T	P		Mid term			End Term	Total
							Continuous	Mid Term	Total		
1.	OP41101	General Human Anatomy & Physiology - Theory	3	1	0	4	30	20	50	50	100
2.	OP41103	Geometrical Optics I- Theory	3	1	0	4	30	20	50	50	100
3.	OP41105	General Biochemistry - Theory	3	1	0	4	30	20	50	50	100
4.	OP41107	Professional & Communicative English - Theory	2	0	0	2	30	20	50	50	100
5.	DGS11001	Design Thinking	2	0	0	2	30	20	50	50	100
6.	OP41201	General Human Anatomy & Physiology - Practical	0	0	4	2	N/A	50	50	50	100
7.	OP41203	Geometrical Optics I - Practical	0	0	4	2	N/A	50	50	50	100
8.	OP41207	Professional Communication English -Practical	0	0	4	2	N/A	50	50	50	100
Total			13	3	12	22	150	250	400	400	800

Semester - II

S. No.	Course code	Subject	Period			Credit	Evaluation scheme				
			L	T	P		Mid term			End Term	Total
							Continuous	Mid Term	Total		
1.	OP41102	Ocular Physiology and Anatomy - Theory	3	1	0	4	30	20	50	50	100
2.	OP41104	Ophthalmic Pharmacology - Theory	3	1	0	4	30	20	50	50	100
3.	OP41106	Physical Optics - Theory	3	1	0	4	30	20	50	50	100
4.	OP41108	Computer Fundamentals And Programming - Theory	2	0	0	2	30	20	50	50	100
5.	EIC11001	Venture Ideation	2	0	0	2	30	20	50	50	100
6.	OP41206	Physical Optics - Practical	0	0	4	2	N/A	50	50	50	100
7.	OP41208	Computer Application - Practical	0	0	2	2	N/A	50	50	50	100
Total			13	3	6	20	150	200	350	350	700

Semester - III

S. No.	Course code	Subject	Period			Credit	Evaluation scheme				
			L	T	P		Mid term			End Term	Total
							Continuous	Mid Term	Total		
1.	OP42101	Visual Optics I - Theory	3	1	0	4	30	20	50	50	100
2.	OP42103	Microbiology and Pathology - Theory	3	1	0	4	30	20	50	50	100
3.	OP42105	Lighting and the Eye - Theory	3	1	0	4	30	20	50	50	100
4.	OP42107	Clinical Refraction - Theory	3	1	0	4	30	20	50	50	100
5.	OP42109	Ophthalmic instruments and procedure - Theory	3	1	0	4	30	20	50	50	100
6.	IDPI4001	IDP – Inter Disciplinary Project	0	0	0	3	N/A	50	50	50	100
7.	OP42207	Clinical Refraction -Practical	0	0	4	2	N/A	50	50	50	100
8.	OP42209	Ophthalmic instruments and procedure -Practical	0	0	4	2	N/A	50	50	50	100
Total			15	5	8	27	150	250	400	400	800

Semester - IV

S. No.	Course code	Subject	Period			Credit	Evaluation scheme				
			L	T	P		Mid term			End Term	Total
							Continuous	Mid Term	Total		
1.	OP42102	Dispensing Optics - Theory	3	1	0	4	30	20	50	50	100
2.	OP42104	Visual Optics II - Theory	3	1	0	4	30	20	50	50	100
3.	OP42106	Ocular diseases I - Theory	3	1	0	4	30	20	50	50	100
4.	OP42108	Ophthalmic Imaging and Electro-diagnostic Procedures – Theory	3	1	0	4	30	20	50	50	100
5.	PSG11021	Human Values and Professional Ethics	2	0	0	2	30	20	50	50	100
6.	OP42202	Dispensing Optics - Practical	0	0	4	2	N/A	50	50	50	100
7.	OP42208	Ophthalmic Imaging and Electro-diagnostic Procedures - Practical	0	0	4	2	N/A	50	50	50	100
Total			14	4	8	22	150	200	350	350	700

Semester - V

S. No.	Course code	Subject	Period			Credit	Evaluation scheme				
			L	T	P		Mid term			End Term	Total
							Continuous	Mid Term	Total		
1.	OP43101	Contact Lens I - Theory	3	1	0	4	30	20	50	50	100
2.	OP43103	Binocular Vision I - Theory	3	1	0	4	30	20	50	50	100
3.	OP43105	Ocular Diseases II - Theory	3	1	0	4	30	20	50	50	100
4.	OP43107	Public Health & Community Optometry – Theory	3	1	0	4	30	20	50	50	100
5.	OP43109	Laws, Regulations and Optometry – Theory	3	1	0	4	30	20	50	50	100
6.	OP43201	Contact Lens I -Practical	0	0	4	2	N/A	50	50	50	100
7.	OP43203	Binocular Vision I - Practical	0	0	4	2	N/A	50	50	50	100
Total			15	5	8	24	150	200	350	350	700

Semester-VI

S. No.	Course code	Subject	Period			Credit	Evaluation scheme				
			L	T	P		Mid term			End Term	Total
							Continuous	Mid Term	Total		
1.	OP43102	Contact Lens II – Theory	3	1	0	4	30	20	50	50	100
2.	OP43104	Binocular Vision II – Theory	3	1	0	4	30	20	50	50	100
3.	OP43106	Geriatric and Paediatric Optometry – Theory	3	1	0	4	30	20	50	50	100
4.	OP43108	Low Vision and Visual Rehabilitation – Theory	3	1	0	4	30	20	50	50	100
5.	OP43202	Contact Lens II - Practical	0	0	4	2	N/A	50	50	50	100
6.	OP43204	Binocular Vision II - Practical	0	0	4	2	N/A	50	50	50	100
7.	OP43208	Low Vision and Visual Rehabilitation - Practical	0	0	4	2	N/A	50	50	50	100
Total			12	4	12	22	120	230	350	350	700

Semester - VII

S. No.	Course code	Subject	Credit
1.	OP44101	Project Dissertation	8
Total			8

Semester-VIII

S. No.	Course code	Subject	Credit
1.	OP44102	Internship	6
2.	OP44104	Comprehensive Viva Voce	8
Total			14

Total credit points for the program

Semester	Credit Points
I	22
II	20
III	27
IV	22
V	24
VI	22
VII	8
VIII	14
Total credit points	150