



BRAINWARE UNIVERSITY
School of Medical & Allied Health Sciences
Department of Allied Health Sciences
Bachelor of Optometry - 2026
(As per NCAHP Guideline)

Semester – I

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP171	General Anatomy	3	0	1	30	70	100	3.5	Core course
2	BOP172	General Physiology	3	0	1	30	70	100	3.5	Core course
3	BOP173	General Biochemistry	3	0	1	30	70	100	3.5	Core course
4	BOP174	Physical Optics	3	0	1	30	70	100	3.5	Core course
5	BOP175	Mathematics & Geometrical Optics-I	3	0	1	30	70	100	3.5	Foundation course
6	BOP106	Introduction to Optometry	2	0	0	100	-	100	2	Skill course
7	BOP107	Nutrition	1	0	0	100	-	100	1	Community Outreach course
8	BOP178	Communication	1	0	2	100	-	100	2	Skill course
9	BOP199	Clinical Optometry-I	0	0	4	100	-	100	2	Community Outreach course
Total			19	0	11	550	350	900	24.5	

Semester-II

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP201	General Pharmacology	3	0	0	30	70	100	3	Core course
2	BOP202	General Pathology	2	0	0	30	70	100	2	Core course
3	BOP273	Ocular and related Neuroanatomy	3	0	1	30	70	100	3.5	Core course
4	BOP274	Ocular and related Neurophysiology	3	0	2	30	70	100	4	Core course
5	BOP275	Ocular Biochemistry	3	0	2	30	70	100	4	Core course
6	BOP276	Geometrical Optics-II	3	0	2	30	70	100	4	Core course
7	BOP297	Basics of Computers	0	0	2	100	-	100	1	Skill course
8	BOP298	Clinical Optometry-II	0	0	4	100	-	100	2	Community Outreach course
Total			17	0	13	380	420	800	23.5	



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Semester-III

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP371	General & Ocular Microbiology	3	0	1	30	70	100	3.5	Core course
2	BOP302	Ocular Pharmacology	3	0	0	30	70	100	3	Core course
3	BOP373	Visual optics-I	3	0	2	30	70	100	4	Core course
4	BOP374	Optometric optics	3	0	2	30	70	100	4	Core course
5	BOP305	Ocular Diseases -I	3	0	0	30	70	100	3	Core course
6	BOP306	Indian Medicine and Telemedicine	2	0	0	100	-	100	2	Skill course
7	BOP397	Clinical Optometry-III	0	0	8	30	70	100	4	Clinical course
Total			17	0	13	280	420	700	23.5	

Semester-IV

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP471	Optometric Instruments	3	0	1	30	70	100	3.5	Core course
2	BOP472	Clinical Examination of Visual System	1	0	4	30	70	100	3	Core course
3	BOP473	Visual Perception and Psychophysics	2	0	1	30	70	100	2.5	Core course
4	BOP474	Visual Optics-II	3	0	2	30	70	100	4	Core course
5	BOP405	Ocular Disease -II	3	0	0	30	70	100	3	Core course
6	BOP406	Behavioral Health Psychology	1	0	0	100	-	100	1	Skill course
7	BOP407	Introduction to Quality & Patient Safety	1	0	0	100	-	100	1	Skill course
8	BOP498	Clinical Optometry-IV	0	0	8	30	70	100	4	Clinical course
Total			14	0	16	380	420	800	22	



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Semester-V

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP501	Systemic Diseases	2	0	0	30	70	100	2	Core course
2	BOP572	Dispensing Optics	2	0	2	30	70	100	3	Core course
3	BOP503	Geriatric Optometry	3	0	0	30	70	100	3	Core course
4	BOP574	Pediatric Optometry	3	0	1	30	70	100	3.5	Core course
5	BOP575	Diagnostics and Therapeutics of Anterior Segment diseases	4	0	1	30	70	100	4.5	Core course
6	BOP576	Innovation and Technology	1	0	1	100	-	100	1.5	Skill course
7	BOP577	Clinical Optometry-V	2	0	8	30	70	100	6	Clinical course
Total			17	0	13	280	420	700	23.5	

Semester-VI

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP671	Contact lens –I	2	0	2	30	70	100	3	Core course
2	BOP672	Low Vision Care and Rehabilitation	2	0	2	30	70	100	3	Core course
3	BOP673	Binocular Vision- I	2	0	2	30	70	100	3	Core course
4	BOP674	Diagnostics and Therapeutics of Posterior segment diseases	4	0	1	30	70	100	4.5	Core course
5	BOP605	Optometry and Multidisciplinary Aspects of Health	1	0	0	100	-	100	1	Skill course
6	BOP606	Research Methodology & Biostatistics	2	0	0	100	-	100	2	Skill course
7	BOP677	Clinical Optometry-VI	2	0	8	30	70	100	6	Clinical course
Total			15	0	15	350	350	700	22.5	



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Semester –VII

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP771	Contact Lens–II	2	0	2	30	70	100	3	Core course
2	BOP772	Binocular Vision –II	2	0	2	30	70	100	3	Core course
3	BOP703	Public Health & Epidemiology	2	0	0	30	70	100	2	Core course
4	BOP704	Law and Professional Ethics – Optometry	1	0	0	100	-	100	1	Skill Course
5	BOP795	Community Eye Health	0	0	3	100	-	100	1.5	Community outreach
6	BOP776	Clinical Optometry-VII	2	0	8	30	70	100	6	Clinical course
7	BOP787	Research Project – I	0	0	0	100	-	100	3	Research course
Total			9	0	15	420	280	700	19.5	

Semester –VIII

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP871	Occupational Optometry	2	0	1	30	70	100	2.5	Core course
2	BOP802	Practice Management	2	0	0	30	70	100	2	Core course
3	BOP873	Community Eye Health and Tele-Optometry	1	0	4	100	-	100	3	Skill course
4	BOP874	Data Science for Healthcare	1	0	1	100	-	100	1.5	Skill course
5	BOP875	Clinical Optometry-VIII	2	0	8	30	70	100	6	Clinical course
6	BOP886	Research Project – II	0	0	0	30	70	100	4	Research course
Total			8	0	14	320	280	600	19	



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Semester –IX (Considering 24 weeks per semester)

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP981	B Optom Internship	0	0	0	100	-	100	41.5	Internship course
Total			0	0	0	100	-	100	41.5	

Semester – X (Considering 24 weeks per semester)

Sl. No	Course Code	Course	L	T	P/C	Evaluation Scheme		Total	Credits	Course Type
						CIA	TEE			
1	BOP1081	B Optom Internship	0	0	0	100	-	100	41.5	Internship course
Total			0	0	0	100	-	100	41.5	