

Bachelor of Optometry

SETS

SET 1

SET 1	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE*	ESE	INT	EXT	
	BOP 101	Anatomy & Physiology and Optometry Basics	Major	3	1	0	4	40	60	-	-	100
	BOP 102	Vital Signs and Management of Medical Emergencies	MC	1	0	0	1	40	60	-	-	100
	BOP 103	Healthcare Delivery System	IDC	2	1	0	3	40	60	-	-	100
	BOP 104	Digital Literacy	AEC	2	0	0	2	-	-	60	40	100
	BOP 105	Communication Strategies	SEC	2	1	0	3	-	-	60	40	100
	BOP 106	Environment Studies I	VAC	2	1	0	3	40	60	-	-	100
	BOP 101P	Anatomy & Physiology and Optometry Basics Lab	Major	0	0	6	3	-	-	60	40	100
BOP 102P	Vital Signs and Management of Medical Emergencies Lab	MC	0	0	2	1	-	-	60	40	100	
		Total		12	4	8	20	160	240	240	160	800

*The marks will be divided as specified under clause 25UGAHP 5.2 of the policy document

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SET 2

	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
SET 2	BOP 201	Ocular Anatomy & Physiology and Optics I	Major	3	1	0	4	40	60	-	-	100
	BOP 202	Infection Control and Biomedical Waste Management	MC	1	0	0	1	40	60	-	-	100
	BOP 203	Hospital Services	IDC	2	1	0	3	40	60	-	-	100
	BOP 204	Business Communication	AEC	2	1	0	3	-	-	60	40	100
	BOP 205	Job Ready Skills I	SEC	2	0	0	2	-	-	60	40	100
	BOP 206	Environmental Studies II	VAC	2	1	0	3	40	60	-	-	100
	BOP 201P	Ocular Anatomy & Physiology and Optics I Lab	Major	0	0	6	3	-	-	60	40	100
	BOP 202P	Infection Control and Biomedical Waste Management Lab	MC	0	0	2	1	-	-	60	40	100
		Total			12	4	8	20	160	240	240	160

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SET 3

SET 3	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
	BOP 301	Ocular Anatomy & Physiology and Optics II	Major	5	1	0	6	40	60	-	-	100
	BOP 302	Low Vision Aids	MC	1	0	0	1	40	60	-	-	100
	BOP 303	Medical Law and Ethics	IDC	2	1	0	3	40	60	-	-	100
	BOP 304	Sales and Marketing	AEC	2	1	0	3	-	-	60	40	100
	BOP 305	Job Ready Skills II	SEC	2	0	0	2	-	-	60	40	100
	BOP 301P	Ocular Anatomy & Physiology and Optics II Lab	Major	0	0	8	4	-	-	60	40	100
	BOP 302P	Low Vision Aid Lab	MC	0	0	2	1	-	-	60	40	100
		Total		12	3	10	20	120	180	240	160	700

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SET 4

SET 4	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOP 401	Specialised Optometry and Visual Aids	Major	5	3	0	8	40	60	-	-	100
BOP 402	Diseases	MC	5	1	0	6	40	60	-	-	100	
BOP 403	Leadership Skills for Business Success	AEC	2	0	0	2	-	-	60	40	100	
BOP 401P	Specialised Optometry and Visual Aids Lab	Major	0	0	8	4	-	-	60	40	100	
	Total			12	4	8	20	80	120	120	80	500

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SET 5

SET 5	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOP 501	Optometry On the Job Training I	Major/M C/SI	0	0	40	20	-	-	60	40	100
		Total	0	0	40	20	-	-	60	40	100	

SET 6

SET 6	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOP 601	Optometry On the Job Training II	Major/M C/SEC	0	0	40	20	-	-	60	40	100
				0	0	40	20	-	-	60	40	100

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SET 7

SET 7	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
	BOP 701	Optometry On the Job Training III	Major/M C	0	0	40	20	-	-	60	40	100
	Total			0	0	40	20	-	-	60	40	100

SET 8

SET 8	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOP 801	Optometry On the Job Training IV	Major/M C	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

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LEVEL 4.5

Candidates choosing the level 4.5 exit will study set 1 in semester I and set 5 in semester II

All candidates will be enrolled in the highest course.

Semester - I (Candidate will study set 1)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CA	ESE	INT	EXT	
	BOP 101	Anatomy & Physiology and Optometry Basics	Major	3	1	0	4	40	60	-	-	100
	BOP 102	Vital Signs and Management of Medical Emergencies	MC	1	0	0	1	40	60	-	-	100
	BOP 103	Healthcare Delivery System	IDC	2	1	0	3	40	60	-	-	100
	BOP 104	Digital Literacy	AEC	2	0	0	2	-	-	60	40	100
	BOP 105	Communication Strategies	SEC	2	1	0	3	-	-	60	40	100
	BOP 106	Environmental Studies I	VAC	2	1	0	3	40	60	-	-	100
	BOP 101P	Anatomy & Physiology and Optometry Basics Lab	Major	0	0	6	3	-	-	60	40	100
BOP 102P	Vital Signs and Management of Medical Emergencies Lab	MC	0	0	2	1	-	-	60	40	100	
		Total	12	4	8	20	160	240	240	160	800	

*Digital Literacy and Communication Strategies assessment will be practical viva based.

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1. If a candidate wants to exit for an UG Certificate after Semester I, then this SES will be followed for Semester II.
2. An exit request can be raised maximum before the start of Semester II.
3. In case a candidate raises a request for exit post the above-mentioned timeline, they can only opt for the next available exit stage.
4. If a candidate does not wish to either opt for the next available exit stage or continue with the program, no qualification to be awarded to the candidate.
5. Candidates to pass all previous exams of all previous semesters in order to be eligible for the internship semester.
6. In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.

Semester- II (Candidate will study set 5)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAB	ESE	INT	EXT	
	BOP 501	Optometry On the Job Training I	Major/MC/SI	0	0	40	20	-	-	60	40	100
		Total	0	0	40	20	-	-	60	40	100	

Candidates exiting the programme after securing 40 credits will be awarded a UG Certificate (Ophthalmic Techniques) provided they secure 4 credits in work-based vocational courses offered during the summer term or an internship / Apprenticeship in addition to 6 credits from skill-based courses earned during the first and second semester.

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LEVEL 5

Candidates choosing the level 5 exit will study set 1 in semester I, set 2 in semester II, set 5 in semester III, and set 6 in semester IV
If a candidate wants to continue after Semester I, then this SET will be followed for Semester II

Semester- II (Candidate will study set 2)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
	BOP 201	Ocular Anatomy & Physiology and Optics I	Major	3	1	0	4	40	60	-	-	100
	BOP 202	Infection Control and Biomedical Waste Management	MC	1	0	0	1	40	60	-	-	100
	BOP 203	Hospital Services	IDC	2	1	0	3	40	60	-	-	100
	BOP 204	Business Communication	AEC	2	1	0	3	-	-	60	40	100
	BOP 205	Job Ready Skills I	SEC	2	0	0	2	-	-	60	40	100
	BOP 206	Environmental Studies II	VAC	2	1	0	3	40	60	-	-	100
	BOP 201P	Ocular Anatomy & Physiology and Optics I Lab	Major	0	0	6	3	-	-	60	40	100
BOP 202P	Infection Control and Biomedical Waste Management Lab	MC	0	0	2	1	-	-	60	40	100	
		Total		12	4	8	20	160	240	240	160	800

*Business Communication and Job Ready Skills I assessment will be practical viva based.

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1. If a candidate wants to exit for an UG Diploma after Semester II, then this SES will be followed for Semester III and Semester IV.
2. An exit request can be raised maximum before the start of Semester III.
3. In case a candidate raises a request for exit post the above-mentioned timeline, they can only opt for the next available exit stage.
4. If a candidate does not wish to either opt for the next available exit stage or continue with the program, no qualification to be awarded to the candidate.
5. Candidates to pass all previous exams of all previous semesters in order to be eligible for the internship semester.
6. In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.

Semester-III (Candidate will study set 5)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CA	ESE	INT	EXT	
	BOP 501	Optometry On the Job Training I	Major/MC/SI	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Semester-IV (Candidate will study set 6)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CA	ESE	INT	EXT	
	BOP 601	Optometry On the Job Training II	Major/MC/SEC	0	0	40	20	-	-	60	40	100
		Total:		0	0	40	20	-	-	60	40	100

Candidates exiting the programme after securing 80 credits will be awarded a UG Diploma (Ophthalmic Techniques) provided they secure an additional 4 credits in skill-based vocational courses offered during the first year or the second year summer term.

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LEVEL 5.5

Candidates choosing the level 5.5 exit will study set 1 in semester 1, set 2 in semester II, set 3 in semester III, set 5 in semester IV, set 6 in semester V, and set 7 in semester VI.
If a candidate wants to continue after Semester II, then this SET will be followed for Semester III.

Semester-III (Candidate will study set 3)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
	BOP 301	Ocular Anatomy & Physiology and Optics II	Major	5	1	0	6	40	60	-	-	100
	BOP 302	Low Vision Aids	MC	1	0	0	1	40	60	-	-	100
	BOP 303	Medical Law and Ethics	IDC	2	1	0	3	40	60	-	-	100
	BOP 304	Sales and Marketing	AEC	2	1	0	3	-	-	60	40	100
	BOP 305	Job Ready Skills II	SEC	2	0	0	2	-	-	60	40	100
	BOP 301P	Ocular Anatomy & Physiology and Optics II Lab	Major	0	0	8	4	-	-	60	40	100
	BOP 302P	Low Vision Aids Lab	MC	0	0	2	1	-	-	60	40	100
	Total			12	3	10	20	120	240	240	160	700

*Sales and Marketing and Job Ready Skills II assessment will be practical viva based.

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1. If a candidate wants to exit for a 3 year UG programme after Semester III, then this SES will be followed for Semester IV, Semester V and Semester VI.
2. An exit request can be raised maximum before the start of Semester IV.
3. In case a candidate raises a request for exit post the above-mentioned timeline, they can only opt for the next available exit stage.
4. If a candidate does not wish to either opt for the next available exit stage or continue with the program, no qualification to be awarded to the candidate.
5. Candidates to pass all previous exams of all previous semesters in order to be eligible for an internship semester.
6. In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.

Semester-IV (Candidate will study set 5)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAB	ESE	INT	EXT	
	BOP 501	Optometry On the Job Training I	Major/MC/SI	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Semester- V (Candidate will study set 6)	Course Code		Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
					L	T	P		Theory		Practical		
	CA	EE	SE	INT				EXT					
		BOP 601	Optometry On the Job Training II	Major/MC/SEC	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100	

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Semester- VI (Candidate will study set 7)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CA	ESE	INT	EXT	
	BOP 701	Optometry On the Job Training III	Major/MC	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Candidates who want to undertake a 3-year UG programme will be awarded a Bachelor of Science (Ophthalmic Techniques) degree upon securing 120 credits

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LEVEL 6

Candidates choosing the level 6 exit will study set 1 in semester I, set 2 in semester II, set 3 in semester III, set 4 in semester IV, set 5 in semester V, set 6 in semester VI, set 7 in semester VII and set 8 in semester VIII

If a candidate wants to continue after Semester III, then this SET will be followed for Semester IV.

Semester - IV (Candidate will study set 4)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
	BOP 401	Specialised Optometry and Visual Aids	Major	5	3	0	8	40	60	-	-	100
BOP 402	Diseases	MC	5	1	0	6	40	60	-	-	100	
BOP 403	Leadership Skills for Business Success	AEC	2	0	0	2	-	-	60	40	100	
BOP 401P	Specialised Optometry and Visual Aids Lab	Major	0	0	8	4	-	-	60	40	100	
	Total			12	4	8	20	80	120	120	80	400

*Leadership Skills for Business Success assessment will be practical viva based.

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- Candidates to pass all previous exams of all previous semesters in order to be eligible for the internship semester.
- In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.

Semester- V (Candidate will study set 5)	Course Code		Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
					L	T	P		Theory		Practical		
									CAE	ESE	INT	EXT	
	BOP 501		Optometry On the Job Training I	Major/MC/SI	0	0	40	20	-	-	60	40	100
		Total			0	0	40	20	-	-	60	40	100

Semester- VI (Candidate will study set 6)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
	BOP 601	Optometry On the Job Training II	Major/MC/SEC	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Semester - VII (Candidate will study set 7)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
								CAE	ESE	INT	EXT	
	BOP 701	Optometry On the Job Training III	Major/MC	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

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Semester- VIII (Candidate will study set 8)	Course Code		Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
					L	T	P		Theory		Practical		
	CAE	ESE	INT	EXT									
	BOP 801		Optometry On the Job Training IV	Major/MC	0	0	40	20	-	-	60	40	100
		Total			0	0	40	20	-	-	60	40	100

Candidates will be awarded a Bachelor of Optometry degree provided they secure 160 credits

Course Type Abbreviations:

Major: Major Courses

MC: Minor Courses

IDC: Inter-Disciplinary Courses

AEC: Ability Enhancement Courses

SEC: Skill Enhancement Courses

VAC: Common Values Added Courses

SI: Summer Internship