Bachelor of Optometry [5 year program]

Proposed Scheme

Year	Semester	Hours
1	1	450
1	2	450
2	3	450
2	4	450
3	5	450
3	6	450
4	7	450
4	8	450
5	9	1200
5	10	1200
Total		6000

Credit details:

One credit implies one hour lecture per week or two hours of laboratory/practical per week or two hours of clinics per week or two hours of Research project per week

A semester is considered to have 15 weeks. For example,

1 credit course = 15 hours of lectures per semester

3 credits course = 45 hours of lectures per semester

0.5 credit course = 15 hours of practical/laboratory.

CL	CP	L	P
3	0.5	45	15

CL: Credit for Lecture

CP: Credit for Practicals

L: Hours for Lecture

P: Hours for Practicals

"Curriculum of Optometry (Intellectual Property of the National Commission for Allied and Healthcare Professions, Ministry of Health and Family Welfare)."

Curriculum Outline

First Semester

Sl. No.	Course Titles	Hours/semester		
		Lecture	**Practicals**	**Total**
BOP101	General Anatomy	45	15	60
BOP102	General Physiology	45	15	60
BOP103	General Biochemistry	45	15	60
BOP104	Physical Optics	45	15	60
BOP105	Mathematics & Geometrical Optics-I	45	15	60
BOP106	Introduction to Optometry#	30	0	30
BOP107	Nutrition#	15	0	15
BOP108	Communication#	15	60	45
BOP109	Clinical Optometry I	0	30	60
TOTAL		**285**	**165**	**450**

Non-university exams

NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS
स्वास्थ्यम् सर्वार्थसाधनम्
NCAHP
Since-2021
राष्ट्रीय संबद्ध और स्वास्थ्य देखभाल व्यवसाय आयोग

"Curriculum of Optometry (Intellectual Property of the National Commission for Allied and Healthcare Professions, Ministry of Health and Family Welfare)."

Second Semester

Sl. No.	Course Titles	Hours/semester		
		Lecture	Practicals	Total
BOP201	General Pharmacology	45	0	45
BOP202	General Pathology	30	0	30
BOP203	Ocular and related neuroanatomy	45	15	60
BOP204	Ocular and related neurophysiology	45	30	75
BOP205	Ocular Biochemistry	45	30	75
BOP206	Geometrical Optics-II	45	30	75
BOP207	Basics of Computers[#]	0	30	30
BOP208	Clinical Optometry-II	0	60	60
TOTAL		**255**	**195**	**450**

Non-university exams

NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS
स्वास्थ्यम् सर्वार्थसाधनम्
NCAHP
Since-2021
राष्ट्रीय सहबद्ध और स्वास्थ्य देखभाल व्यवसाय आयोग

Third Semester

Sl. No.	Course Titles	Hours per semester		
		Lecture	Practicals	Total
BOP301	General and Ocular Microbiology	45	15	60
BOP302	Ocular Pharmacology	45	0	45
BOP303	Visual optics –I	45	30	75
BOP304	Optometric optics	45	30	75
BOP305	Ocular Disease –I	45	0	45
BOP306	Indian Medicine and Telemedicine[#]	30	0	30
BOP307	Clinical Optometry-III	0	120	120
TOTAL		**255**	**195**	**450**

Non-university exams

NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS
राष्ट्रीय सहबद्ध और स्वास्थ्य देखभाल व्यवसाय आयोग
स्वास्थ्यम् सर्वार्थसाधनम्
NCAHP
Since-2021

Fourth Semester

Sl. No.	Course Titles	Hours per semester		
		Lecture	Practicals	Total
BOP401	Optometric Instruments	45	15	60
BOP402	Clinical examination of visual system	15	60	75
BOP403	Visual perception and psychophysics	30	15	45
BOP404	Visual Optics- II	45	30	75
BOP405	Ocular Disease –II	45	0	45
BOP406	Behavioral Health Psychology[#]	15	0	15
BOP407	Introduction to Quality & Patient safety[#]	15	0	15
BOP408	Clinical Optometry-IV		120	120
TOTAL		**210**	**240**	**450**

Non-university exams

NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS
स्वास्थ्यम् सर्वार्थसाधनम्
NCAHP
Since-2021
राष्ट्रीय सम्बद्ध और स्वास्थ्य देखभाल व्यवसाय आयोग

Fifth Semester

Sl. No.	Course Titles	Hours per semester		
		Lecture	Practicals	Total
BOP501	Systemic Disease	30	0	30
BOP502	Dispensing Optics	30	30	60
BOP503	Geriatric Optometry	45	0	45
BOP504	Paediatric Optometry	45	15	60
BOP505	Diagnostics and therapeutics of Anterior Segment diseases	60	15	75
BOP506	Innovation and technology[#]	15	15	30
BOP507	Clinical Optometry V	30	120	150
TOTAL		**255**	**195**	**450**

Non-university exams

NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS
राष्ट्रीय सहबद्ध और स्वास्थ्य देखभाल व्यवसाय आयोग
स्वास्थ्यम् सर्वार्थसाधनम्
NCAHP
Since-2021

Sixth Semester

Sl. No.	Course Titles	Hours per semester		
		Lecture	Practicals	Total
BOP601	Contact lens –I	30	30	60
BOP602	Low Vision care and Rehabilitation	30	30	60
BOP603	Binocular Vision- I	30	30	60
BOP604	Diagnostics and therapeutics of Posterior segment diseases	60	15	75
BOP605	Optometry and Multidisciplinary aspects of Health[#]	15	0	15
BOP606	Research Methodology & Biostatistics[#]	30	0	30
BOP607	Clinical Optometry VI	30	120	150
TOTAL		**225**	**225**	**450**

Non-university exams

NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS
स्वास्थ्यम् सर्वार्थसाधनम्
NCAHP
Since-2021
राष्ट्रीय संबद्ध और स्वास्थ्य देखभाल व्यवसाय आयोग

Seventh Semester

Sl. No.	Course Titles	Hours per semester		
		Lecture	Practicals	Total
BOP701	Contact Lens –II	30	30	60
BOP702	Binocular Vision –II	30	30	60
BOP703	Public Health & Epidemiology	30	0	30
BOP704	Law and Professional ethics-Optometry. #	15	0	15
BOP705	Community eye health#		45	45
BOP706	Clinical Optometry VII	30	120	150
BOP707	Research Project – I #	0	90	90
TOTAL		**135**	**315**	**450**

Non-university exams

NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS
राष्ट्रीय सहबद्ध और स्वास्थ्य देखभाल व्यवसाय आयोग
स्वास्थ्यम् सर्वार्थसाधनम्
NCAHP
Since-2021

"Curriculum of Optometry (Intellectual Property of the National Commission for Allied and Healthcare Professions, Ministry of Health and Family Welfare)."

Eighth Semester

Sl. No.	Course Titles	Hours per semester		
		Lecture	Practicals	Total
BOP801	Occupational optometry	30	15	45
BOP802	Practice Management	30	0	30
BOP803	Community eye health and Tele-optometry[#]	15	60	75
BOP804	Data science for healthcare[#]	15	15	30
BOP805	Clinical Optometry VIII	30	120	150
BOP806	Research Project – II	0	120	120
TOTAL		**120**	**330**	**450**

Non-university exams

Ninth and tenth Semester (Considering 24 weeks per semester)

Sl. No.	Course Titles	Hours per semester		
		Lecture	Practicals	Total
BOP901	B Optom Internship -I	45	1155	1200
BOP1001	B Optom Internship -II	45	1155	1200
				2400

Non-university exams

- An appropriate nominal amount shall be paid as stipend for the intern students. This should be revised periodically.