

***Programme Handbook
Bachelor of Optometry
[BOPT]
School of Health Sciences
Sushant University***

(*Applicable to students admitted in the academic year 2024-28)

Name of the Program – Bachelor of Optometry

Duration of the Program – 04 Years (8 semesters)

Total Credits of the Program – 207 Credits

SEMESTER I

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/ Week	Tutorial (T) Hours/ Week	Practical (P) Hours/ Week	Total Credits	T/P
BOPT101	General Anatomy	-	2	0	2	3	T+P
BOPT102	General Physiology	-	2	0	2	3	T+P
BOPT103	Biochemistry	-	3	0	0	3	T
BOPT111	Geometrical Optics -I	-	3	0	0	3	T
BOPT108	Introduction to Optometry	Employability	2	0	0	2	T
BOPT105	Introduction to Quality and Patient Safety	Skill Development	2	0	0	2	T
BOPT112	Nutrition	-	2	0	0	2	T
BOPT104	Basic in Computer & Information Science	Employability/Skill Development/Entrepreneurship	2	0	2	3	T+P
EVS2111	Environmental Studies	-	2	0	0	2	T
SS151	Soft Skill	Employability/Skill Development/Entrepreneurship	1	0	0	1	T
BOPT106	Introduction to National Health Care Delivery System in India (Workshop)	-	0	1	0	1	Practical
	TOTAL		20	2	6	25	

SEMESTER II

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/ Week	Tutorial (T) Hours/ Week	Practical (P) Hours/ Week	Total Credits	T/P
BOPT202	Clinical Practice –I	Skill Development/Entrepreneurship /Employability	0	2	4	4	Practical
BOPT204	Clinical Optometric Procedure-I	Skill Development/Entrepreneurship /Employability	2	0	2	3	T+P
BOPT205	Ocular Biochemistry	-	2	0	0	2	T
BOPT206	Ocular Anatomy	-	3	0	0	3	T
BOPT207	Ocular Physiology	-	3	0	0	3	T
BOPT211	Geometrical Optics-II	-	2	1	0	3	T
BOPT209	Physical Optics	-	2	0	0	2	T
BOPT203	Biomedical Ethics and Legal Aspect	Skill Development/Entrepreneurship /Employability	2	0	0	2	T
CS251	English & Communication Skill	Skill Development/Entrepreneurship /Employability	2	0	0	2	T
23BOPT201	Ocular Surface Disorders Workshop	Skill Development	0	1	0	1	Practical
	TDCC	-	1	0	2	2	
	TOTAL		19	5	6	27	

SEMESTER III

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/ Week	Tutorial (T) Hours/ Week	Practical (P) Hours/ Week	Total Credits	Th/PR
BOPT302	Clinical Optometric Procedure-II	Skill Development/Entrepreneurship /Employability	3	0	0	3	T
BOPT303	Ocular Microbiology	-	2	0	0	2	T
BOPT304	Optometric Optics-I	-	2	0	2	3	T+P
BOPT305	Visual Optics-I	-	2	0	0	2	T
BOPT306	Ocular Diseases-I	Skill Development/Entrepreneurship /Employability	2	1	2	4	T+P
BOPT307	Clinical Practice-II	Skill Development/Entrepreneurship /Employability	0	2	6	5	Practical
BOPT335	Summer Training with Evaluation-I	Skill Development/Entrepreneurship /Employability	0	0	8	4	Practical
23BOPT308	Healthcare & Hospital Management (Certificate course)	Skill Development/Entrepreneurship /Employability	0	1	0	1	Practical
BOPT301	Indian Medicine & Telemedicine (Workshop)	Skill Development	0	1	0	1	Practical
	TDCC	-	1	0	2	2	
	TOTAL		12	6	18	27	

Note: Summer internship should be of 168 hours, which has to be completed within a month (minimum).

SEMESTER IV

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/ Week	Tutorial (T) Hours/ Week	Practical (P) Hours/ Week	Total Credits	Th/Pr
BOPT410	Optometric Optics & Dispensing Optics –II	Skill Development/Entrepreneurship /Employability	2	0	2	3	T+P
BOPT402	Visual Optics-II	-	3	0	0	3	T
BOPT403	Ocular Diseases-II	Employability	4	0	0	4	T
BOPT 411	Basic & Ocular Pharmacology	Employability	3	0	0	3	T
BOPT406	Clinical Practice-III	Skill Development/Entrepreneurship /Employability	0	2	6	5	Practical
BOPT409	Optometric Instruments	Skill Development/Entrepreneurship /Employability	2	1	0	3	T
BOPT412	Medical Psychology	Employability	1	0	0	1	Theory
23BOPT413	Cognitive and Behavioral Sciences (Certificate course)	Skill Development	0	1	0	1	Practical
23BOPT408	Optical Dispensing Solutions Workshop	Skill Development	0	1	0	1	Practical
	TDCC	-	1	0	2	2	
	TOTAL		16	5	10	26	

SEMESTER V

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/ Week	Tutorial (T) Hours/ Week	Practical (P) Hours/ Week	Total Credits	Th/Pr
BOPT501	Contact Lens-I	Skill Development	2	0	2	3	T+P
BOPT509	Low Vision Care-I	Skill Development	2	0	2	3	T+P
BOPT503	Binocular Vision-I	Skill Development	2	0	2	3	T+P
BOPT508	Diseases of the Eye & Clinical Medicine	Skill Development	3	0	0	3	T
BOPT512	Research Methodology	Skill Development	3	0	0	3	T
BOPT510	Clinical Practice-IV & Community Care	Skill Development/Entrepreneurship /Employability-	0	2	6	5	Practical
BOPT506	Public Health Community Optometry	Skill Development/Entrepreneurship /Employability	3	0	0	3	T
23BOPT505	Visual Disabilities & Assessment Workshop	Skill Development	0	1	0	1	Practical
23BOPT535	Summer Training with Evaluation-II	Skill Development	0	0	8	4	Practical
	TDCC	-	1	0	2	2	
	TOTAL		16	3	22	30	

Note: Summer internship should be of 168 hours, which has to be completed within a month (minimum).

SEMESTER VI

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/Week	Tutorial (T) Hours/Week	Practical (P) Hours/Week	Total Credits	Th/Pr
BOPT601	Contact Lens-II	Skill Development	2	0	2	3	T+P
BOPT602	Binocular Vision-II	Skill Development	2	0	2	3	T+P
BOPT603	Geriatric & Pediatric Optometry	Skill Development	3	0	0	3	T
BOPT605	Occupational Optometry	Skill Development	3	0	0	3	T
BOPT611	Low Vision Care II	Skill Development	2	0	2	3	T+P
BOPT610	Clinical Practice-V & Community Care	Skill Development/Entrepreneurship /Employability	0	2	8	6	Practical
23BOPT604	Neuro-Optometry Workshop	Skill Development	0	1	0	1	Practical
23BOPT609	Corneal Refractive Surgery Workshop	Skill Development	0	1	0	1	Practical
23BOPT612	Academic and Research Report Writing (Certificate course)	Skill Development/Entrepreneurship /Employability	0	1	0	1	Practical
	TOTAL		16	5	10	26	

SEMESTER VII

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/ Week	Tutorial (T) Hours/ Week	Practical (P) Hours/ Week	Total Credits	Th/Pr
BOPT701	Retina & Low Vision	Skill Development	0	1	6	4	Practical
BOPT702	Pediatric Optometry & Binocular Vision	Skill Development	0	1	6	4	Practical
BOPT703	Cornea & Contact Lenses	Skill Development	0	1	6	4	Practical
BOPT704	Primary Eye Care	Skill Development	0	1	6	4	Practical
BOPT705	Project/Scientific Write up	Skill Development/Entrepreneurship /Employability	0	2	8	6	Practical
		TOTAL	0	6	32	22	

Note: Internship should be of 756 hours, which has to be completed within semester (minimum).

SEMESTER VIII

Course Code	Course Title	Employability/Skill Development/Entrepreneurship	Lectures (L) Hours/Week	Tutorial (T) Hours/Week	Practical (P) Hours/Week	Total Credits	Th/Pr
BOPT801	Clinical Optometry	Skill Development/Entrepreneurship /Employability	0	0	12	6	Practical
BOPT802	Specialty Optometry	Skill Development/Entrepreneurship /Employability	0	0	12	6	Practical
BOPT803	Project/Scientific Report Writing	Skill Development/Entrepreneurship /Employability	0	2	20	12	Practical
		TOTAL	0	2	44	24	

Note: Internship should be of 756 hours, which has to be completed within semester (minimum).