



INTEGRAL UNIVERSITY, LUCKNOW
INTEGRAL INSTITUTE OF ALLIED HEALTH SCIENCES & RESEARCH
DEPARTMENT OF PARAMEDICAL SCIENCES

BACHELOR OF OPTOMETRY
(BOPT)

SYLLABUS AND EVALUATION SCHEME
YEAR/ SEMESTER
III/V & III/VI
&
PEOs-POs-PSOs



Integral University, Lucknow
Department of Paramedical Sciences
Study and Evaluation Scheme

Program: BOPT

Semester-V

S. N.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits
				L	T	P	CT	TA	Total	ESE			
THEORIES													
1	B0301	Contact Lens – I	Core	3	1	0	40	20	60	40	100	3:1:0	4
2	B0302	Geriatric Optometry & Pediatric Optometry	Core	3	1	0	40	20	60	40	100	3:1:0	4
3	B0303	Binocular Vision – I	Core	3	1	0	40	20	60	40	100	3:1:0	4
4	B0304	Systemic Disease & the Eye	Core	3	1	0	40	20	60	40	100	3:1:0	4
5	B0305	Occupational & Community Optometry	Core	3	1	0	40	20	60	40	100	3:1:0	4
PRACTICAL													
1	B0306	Contact Lens –Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
2	B0307	Geriatric Optometry & Pediatric Optometry-Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
3	B0308	Hospital Posting	Core	0	0	6	40	20	60	40	100	0:0:3	3
Total				15	05	10	320	160	480	320	800	25	25

S. N.	Course code	Course Title	Type of Paper	Attributes							United Nation Sustainable Development Goal (SDGs)
				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES											
1	B0301	Contact Lens – I	Core	√	√	√	√		√	√	3,4
2	B0302	Geriatric Optometry & Pediatric Optometry	Core	√	√	√	√		√	√	3,4
3	B0303	Binocular Vision – I	Core	√	√	√	√		√	√	3,4
4	B0304	Systemic Disease & the Eye	Core	√	√	√	√		√	√	3,4
5	B0305	Occupational & Community Optometry	Core	√	√	√	√		√	√	3,4
PRACTICAL											
1	B0306	Contact Lens –Lab	Core	√	√	√	√		√	√	3,4
2	B0307	Geriatric Optometry & Pediatric Optometry-Lab	Core	√	√	√	√		√	√	3,4
3	B0308	Hospital Posting	Core	√	√	√	√		√	√	3,4

L: Lecture **T:** Tutorials **P:** Practical **CT:** Class Test **TA:** Teacher Assessment **ESE:** End Semester Examination,
 AE= Ability enhancement, DSE- Discipline Specific Elective, **Sessional Total:** Class Test + Teacher Assessment **Subject Total:** Sessional Total + End Semester Examination (ESE)



Integral University, Lucknow
Department of Paramedical Sciences
Study and Evaluation Scheme

Program: BOPT

Semester-VI

S. N.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits
				L	T	P	CT	TA	Total	ESE			
THEORIES													
1	BO309	Contact Lens -II	Core	3	1	0	40	20	60	40	100	31:0	4
2	BO310	Binocular Vision -II	Core	3	1	0	40	20	60	40	100	3:1:0	4
3	BO311	Practice Management	Core	3	1	0	40	20	60	40	100	3:1:0	4
4	BO312	Research Methodology & Biostatistics	Core	2	1	0	40	20	60	40	100	2:1:0	3
PRACTICAL													
1	BO313	Contact Lens -II Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
2	BO314	Binocular Vision - II Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
3	BO315	Research Project Proposal Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
4	BO316	Hospital Posting	Core	0	0	8	40	20	60	40	100	0:0:4	4
Total				11	04	14	320	160	480	320	800	22	22

S. N.	Course code	Course Title	Type of Paper	Attributes							United Nation Sustainable Development Goal (SDGs)
				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES											
1	BO309	Contact Lens - II	Core	√	√	√	√		√	√	3,4
2	BO310	Binocular Vision - II	Core	√	√	√	√		√	√	3,4
3	BO311	Practice Management	Core	√	√	√	√		√	√	3,4
4	BO312	Research Methodology & Biostatistics	Core	√	√	√	√		√	√	3,4
PRACTICAL											
1	BO313	Contact Lens II-Lab	Core	√	√	√	√		√	√	3,4
2	BO314	Binocular Vision - II Lab	Core	√	√	√	√		√	√	3,4
3	BO315	Research Project Proposal-Lab	Core	√	√	√	√		√	√	3,4
4	BO316	Hospital Posting	Core	√	√	√	√		√	√	3,4

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BACHELOR OF OPTOMETRY (BOPT)



Program Educational Outcomes (PEOs)

Program Educational Outcomes (PEOs)

The overall objective of the Optometry Program is to prepare students to practice in the field of Optometry. The educational goals of the curriculum reflect the knowledge, skills and behaviors expected of program graduates. The graduates of the Integral University Bachelor of Optometry program will be expected to:

PEO1:	Know the structure and function of visual system of the human eye. Recognize pre-disposing epidemiological, environmental, and etiological factors that require intervention to prevent visual deterioration or ocular disease.
PEO2:	Understand the principles underlying the use of ophthalmic devices and procedures in the diagnosis, treatment, and management of visual conditions.
PEO3:	Integrate the use of basic principles of research in critical analysis of concepts and findings generated by self and others. Be compassionate, caring Eye care professionals.
PEO4:	Identify with and contribute to the aims and ideals of the profession. Demonstrate command of knowledge which is necessary to function as an independent problem solver and learner in the practice environment as an Optometrist.
PEO5:	Practice in an ethical and legal manner. Be eligible, well-prepared, and able to sit for and pass the credentialing examination.

BACHELOR OF OPTOMETRY (BOPT)



PROGRAMME OUTCOMES (POs)

BACHELOR OF OPTOMETRY (BOPT) PROGRAMME OUTCOMES (POs)

PROGRAMME OUTCOMES (POs) POs and its Attributes: -

- Program Outcomes (POs) are attributes of the graduates of the Programme that are the Optometry Programme is to prepare students of Integral University will be expected to:

PO-1:	To develop the ability to acquire knowledge on ocular structures, its functions and pathological changes and their management.
PO-2:	To develop the ability to assess the visual demands for various occupations and match it to the visual capabilities.
PO-3:	Developing the ability to diagnose and manage various vision abnormalities including refractive errors as well as various eye diseases.
PO-4:	Developing the ability to practice various sub-specialties of Eye care industry like spectacle dispensing, Orthoptics, Vision therapy etc.
PO-5:	To develop the ability to assess the low vision and provide comprehensive low vision care.
PO-6:	To develop the ability to fit, evaluate, prescribe and dispense contact lenses for refractive correction and other ocular conditions.
PO-7:	Developing the ability towards medical ethical as well as critical thinking.
PO-8:	Understanding environmental consciousness and societal & Community Eye care concerns in achieving the goal of vision for all.
PO-9:	Developing the ability to communicate effectively both with the patients as well as within the organization for effective team work.
PO-10:	Recognizing and understanding the need to engage in life-long learning to upgrade oneself with Eye care innovations.
PO-11:	Developing and applying computer skills in Eye care system and taking entrepreneurial Decisions.
PO-12:	Understanding environmental consciousness and societal concerns in achieving sustainable development.

BACHELOR OF OPTOMETRY (BOPT)



**Program Specific Outcomes
(PSOs)**

BACHELOR OF OPTOMETRY (BOPT) PROGRAMME SPECIFIC OUTCOME (PSOs)

Program Specific Objectives (PSOs) are specific statements that describe the professional career accomplishment that the program is designed. The PSO's of the BOPT program are as follows:

PSO1:	To develop expertise in assessment, evaluation, planning, and inventions in achieving the eye care needs of society.
PSO2:	To develop the students in such a way so that they can practice independently as a primary eye care practitioner and render eye care services for the benefit of society.
PSO3:	To demonstrate skills and knowledge to manage the optometry practice within the hospital settings as well as private practice and take scientific methods while prescribing and dispensing spectacles and contact lenses.
PSO4:	To develop such professionals who will actively participate in community optometry programs to achieve the goals of Vision 2020 and the national programs for the prevention of blindness and effectively organize and participate in vision screening eye camps to help controlling blindness.
PSO5:	Students will be able to apply ethical principles and commit to professional ethics and responsibilities and norms of Optometry practice.