

**SCHEME OF STUDIES  
BS OPTOMETRY  
BATCH 2025- ONWARD**

<b>Semester I</b>				
<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Course Type</b>	<b>Prerequisite course code</b>
ISL-101	Islamic Studies	2(2-0)	General	-
ETH-100	Ethics			
ENG-107	Functional English	3(3-0)	General	-
GEN-105	Creative Arts	2(2-0)	General	-
PHSL-102	Physiology	3(2-1)	Interdisciplinary	-
PHARM-201	Pharmacology	3(2-1)	Interdisciplinary	-
OPT-111	Vision Sciences-I	3(2-1)	Major	-
ISL-105	Understanding of Quran I	1(0-1)	Compulsory	-
<b>Credit Hours</b>		<b>17</b>		
<b>Semester II</b>				
<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Course Type</b>	<b>Prerequisite course code</b>
CS-102	Applications of Information & Communication Technologies	3(2-1)	General	-
GEN-104	Ideology & constitution of Pakistan	2(2-0)	General	-
ENG-108	Expository writing	3(3-0)	General	ENG-107
ANA-101	Anatomy	3(2-1)	Interdisciplinary	-
GEN-106	Medical Ethics	2(2-0)	Minor	-
ISL-106	Understanding of Quran-II	1(0-1)	Compulsory	ISL-105
OPT-212	Ocular Anatomy and Physiology	3(3-0)	Major	-
<b>Credit Hours</b>		<b>17</b>		
<b>Semester III</b>				
GEN-202	Environmental studies	3(2-1)	General	-
PSY-201	Psychology	2(2-0)	General	-
GEN-206	Entrepreneurship	2(2-0)	General	-
OPT-211	Ocular Diseases and emergency handling- I	3(3-0)	Major	OPT-212
PATH-201	Pathology	3(3-0)	Interdisciplinary	-
GEN-207	Quantitative reasoning I	3(3-0)	General	-
<b>Credit Hours</b>		<b>16</b>		
<b>Semester IV</b>				
GEN-303	Quantitative reasoning II	3(3-0)	General	-
GEN-203	Civics and Community engagement	2(2-0)	General	-
OPT-214	Ocular Diseases and emergency handling-II	3(3-0)	Major	OPT-211

OPT-215	Ophthalmic Dispensing-I	3(2-1)	Major	-
OPT-216	Clinical Refraction	3(3-0)	Major	-
OPT-213	Optics	3(3-0)	Major	-
		<b>Credit Hours</b>	<b>17</b>	
<b>Semester V</b>				
MED-401	Clinical Medicine	3(2-1)	Minor	-
GEN-302	Patient Care	2(2-0)	Minor	-
OPT-317	Orthoptics-I	3(2-1)	Major	-
OPT-315	Clinical Practice of Refraction	2(0-2)	Major	OPT-216
OPT-411	Retinal Diseases	3(3-0)	Major	OPT-214
OPT-319	Diagnostic Instruments-I	2(2-0)	Major	-
OPT-314	Ophthalmic Dispensing-II	2(1-1)	Major	OPT-215
		<b>Credit Hours</b>	<b>17</b>	
<b>Semester VI</b>				
OPT-514	Basic Life Support	2(1-1)	Minor	-
SUR-302	Surgery	2(2-0)	Minor	-
OPT-414	Diagnostic Instruments-II	3(2-1)	Major	OPT-319
OPT-311	Low Vision-I	3(2-1)	Major	-
OPT-318	Contact Lens-I	2(2-0)	Major	-
RMS-514	Research Methodology and Applied Statistics	2(2-0)	Major	
OPT-320	Ophthalmic screening observation & Pediatric Optometry	3(2-1)	Major	-
<b>Credit Hours</b>		<b>17</b>		
<b>Summer</b>				
GEN-401	Internship	3(0-3)		
<b>Semester VII</b>				
CM-401	Community Medicine	2(2-0)	Minor	-
OPT-316	Low Vision-II	3(2-1)	Major	OPT-311
OPT-413	Contact Lens-II	3(2-1)	Major	OPT-318
OPT-415	Neuro-Ophthalmology	2(2-0)	Major	-
OPT-412	Orthoptics-II	3(2-1)	Major	OPT-317
OPT-419	Clinical Rotations I(Refraction & Screening observation)	3(0-3)	Major	OPT-320
<b>Credit Hours</b>		<b>16</b>		
<b>Semester VIII</b>				
OPT-417	Ocular Pharmacology	2(2-0)	Major	-
OPT-519	Minor OT Procedures	2(1-1)	Major	-
OPT-420	Clinical Rotations II (Diagnostic & Cornea)	3(0-3)	Major	
OPT-421	Clinical Rotations III (General Ophthalmology& Contact lens)	5(0-5)	Major	OPT-413
GEN-402	Research Project	3(0-3)	-	
<b>Credit Hours</b>		<b>15</b>		
<b>Grand Total</b>		<b>135</b>		

