



SCHEME OF STUDIES
BS OPTOMETRY
 Batch 2021-2025
 Batch 2022-2026

Semester I

Course Code	Course Title	Credit Hours	
ISL-101	Islamic Studies	2(2-0)	Compulsory
ENG-101	English I	3(3-0)	Compulsory
MATH-101	Mathematics	3(3-0)	minor
CS-101	Introduction to Information & Communication Technologies	3(2-1)	minor
BIOC-101	Biochemistry	3(2-1)	minor
ISL-103	Teaching of Holy Quran with Translation I	1(1-0)	Compulsory
Credit Hours		15	

Semester II

Course Code	Course Title	Credit Hours	
PHYSI-101	Physiology	3(2-1)	minor
ANA-101	Anatomy	3(2-1)	minor
PS-101	Pakistan Studies	2(2-0)	Compulsory
ENG-102	English II	3(3-0)	Compulsory
ISL-104	Teaching of Holy Quran with Translation II	1(1-0)	Compulsory
OPT-111	Vision Sciences-I	3(2-1)	Major
Credit Hours		15	

Semester III

Course Code	Course Title	Credit Hours	
ISL-201	Teaching of Holy Quran with Translation III	1(1-0)	Compulsory
ENG-201	English III	3(3-0)	Compulsory
PSY-201	Psychology	3(3-0)	minor
PHARM-201	Pharmacology	3(2-1)	minor
MLS-202	Pathology	3(3-0)	minor
OPT-211	Vision Science-II	3(2-1)	Major
Credit Hours		16	

Semester IV

Course Code	Course Title	Credit Hours	
GEN-201	Sociology	3(3-0)	General
ISL-202	Teaching of Holy Quran with Translation IV	1(1-0)	Compulsory
OPT-212	Ocular Anatomy and Physiology	3(3-0)	Major

OPT-213	Optics-I	2(2-0)	Major
OPT-214	Ocular Disease - I	3(3-0)	Major
OPT-215	Ophthalmic Dispensing-I	3(2-1)	Major
OPT-216	Clinical Refraction	3(3-0)	Major
Credit Hours		18	

Semester V

Course Code	Course Title	Credit Hours	
MGT-301	Entrepreneurship	3(3-0)	Compulsory
STAT-302	Biostatistics	3(3-0)	minor
OPT-311	Low Vision-I	3(2-1)	Major
OPT-312	Optics-II	2(2-0)	Major
OPT-313	Ocular Disease-II	3(3-0)	Major
OPT-314	Ophthalmic Dispensing-II	2(2-0)	Major
OPT-315	Clinical Practice of Refraction	2(0-2)	Major
Credit Hours		18	

Semester VI

Course Code	Course Title	Credit Hours	
GEN-302	Patient Care	2(2-0)	General
GEN-310	Research Methodology	3(2-1)	General
OPT-316	Low Vision-II	3(2-1)	Major
OPT-317	Orthoptics-I	3(2-1)	Major
OPT-318	Contact Lens-I	2(2-0)	Major
OPT-319	Diagnostic Instruments-I	3(3-0)	Major
Credit Hours		16	

Semester VII

Course Code	Course Title	Credit Hours	
MED-401	Clinical Medicine	3(2-1)	minor
CM-401	Community Medicine	2(2-0)	minor
OPT-411	Retinal Diseases	3(3-0)	Major
OPT-412	Orthoptics-II	3(3-0)	Major
OPT-413	Contact Lens-II	3(2-1)	Major
OPT-414	Diagnostic Instruments-II	3(2-1)	Major
Credit Hours		17	

Semester VIII

Course Code	Course Title	Credit Hours	
GEN-410	Research Project	6(0-6)	Compulsory
OPT-415	Neuro-Ophthalmology	2(2-0)	Major
OPT-416	Clinical Practice(Contact lens & Refraction)	3(0-3)	Major

OPT-417	Ocular Pharmacology	2(2-0)	Major
OPT-418	Pediatric Optometry	2(2-0)	Major
		Credit Hours	15
		Total Credit Hours	130