



SEMESTER 1

Course Code	Course Title	Credit Hours	Course Type
ISL-101	Islamic Studies	2(2-0)	General Education
ETH-100	Ethics	2(2-0)	General Education
ISL-103	Teachings of Holy Quran -I	NC	-
ENG-107	Functional English	3(3-0)	General Education
GEN-105	Creative Arts	2(2-0)	General Education
PHYSI-101	Physiology	3(2-1)	Interdisciplinary
PHARM-201	Pharmacology	3(3-0)	Interdisciplinary
OPT-111	Vision Sciences	3(2-1)	Major
	Credit Hours	16	-

SEMESTER 2

Course Code	Course Title	Credit Hours	Course Type
CS-102	Application of Information & Communication Technologies	3(2-1)	General Education
GEN-104	Ideology & constitution of Pakistan	2(2-0)	General Education
NG-108	Expository writing	3(3-0)	General Education
ANA-101	Anatomy	3(2-1)	Interdisciplinary
GEN-106	Medical Ethics	2(2-0)	Minor
OPT-212	Ocular Anatomy and Physiology	3(3-0)	Major
ISL-104	Teachings of Holy Quran-II	NC	NC
	Credit Hours	16	-

SEMESTER 3

Course Code	Course Title	Credit Hours	Course Type
GEN-202	Environmental studies	3(2-1)	General Education
PSY-201	Psychology	2(2-0)	General Education
GEN-206	Entrepreneurship	2(2-0)	General Education
PATH-201	Pathology	3(3-0)	Interdisciplinary
OPT-211	Ocular Diseases and emergency handling- I	3(3-0)	Major
GEN-	Quantitative reasoning I	3(3-0)	General Education
ISL-201	Teachings of Holy Quran-III	NC	NC
	Credit Hours	16	-

SEMESTER 4

Course Code	Course Title	Credit Hours	Course Type
GEN	Quantitative reasoning II	3(3-0)	General Education
OPT-213	Optics	3(3-0)	Major
GEN-203	Community Service Learning	2(2-0)	General Education
OPT-214	Ocular Diseases and emergency handling-II	3(3-0)	Major
OPT-215	Ophthalmic Dispensing-I	3(2-1)	Major
OPT-216	Clinical Refraction	3(3-0)	Major
ISL-202	Teachings of Holy Quran -IV	NC	NC
	Credit Hours	17	-

SEMESTER 5

Course Code	Course Title	Credit Hours	Course Type
MED-401	Clinical Medicine	2(1-1)	Minor
GEN-302	Patient Care	2(2-0)	Minor
OPT-319	Diagnostic Instruments-I	2(2-0)	Major
OPT-317	Orthoptics-I	3(2-1)	Major
OPT-411	Retinal Diseases	3(3-0)	Major
OPT-314	Ophthalmic Dispensing- II	2(1-1)	Major

Course Code	Course Title	Credit Hours	Course Type
OPT-315	Clinical Practice of Refraction	2(0-2)	Major
	Credit Hours	16	-

SEMESTER 6

Course Code	Course Title	Credit Hours	Course Type
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-311	Low Vision-I	3(2-1)	Major
OPT-318	Contact Lens-I	2(2-0)	Major
OPT-320	Ophthalmic screening observation & Pediatric Optometry	3(2-1)	Major
RMS-514	Research Methodology and Applied Statistics	2(2-0)	Major
	Credit Hours	17	-

SEMESTER 7

Course Code	Course Title	Credit Hours	Course Type
CM-401	Community Medicine	2(2-0)	Minor
OPT-316	Low Vision-II	3(2-1)	Major
OPT-413	Contact Lens-II	3(2-1)	Major
OPT-412	Orthoptics-II	3(2-1)	Major
OPT-415	Neuro-Ophthalmology	2(2-0)	Major
OPT-419	Clinical Rotations I(Refraction & Screening observation)	3(0-3)	Major
	Credit Hours	16	-

SEMESTER 8

Course Code	Course Title	Credit Hours	Course Type
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

GEN-402	Research Project	3(0-3)	-
	Credit Hours	15	-
	Total Credit Hours	132	-