

Scheme of Studies
Doctor of Optometry
2016-2021

YEAR I SEMESTER I

Degree (175 credit hours)

Course Code	Course Title	Credit Hours
AN-111	Human Anatomy & Histology (Cell Biology)	4(3-1)
PY-112	General Physiology	4(3-1)
BIO-113	Fundamentals of Biochemistry	4(3-1)
OPT-115	Primary Eye Care	1(1-0)
ENG-116	Functional English I	3(3-0)
IS-112	Islamic Studies/Ethics	2(2-0)
Total		18

YEAR I SEMESTER II

Course Code	Course Title	Credit Hours
PAT-121	General Pathology	3(3-0)
OPH-122	General and Ocular Pharmacology	4(4-0)
AN-123	Ocular Anatomy	3(3-0)
PY-124	Ocular Physiology	3(3-0)
OP-125	Screening Observations	3(3-0)
PS-122	Pakistan Studies	2(2-0)
ENG-121	Functional English II	3(3-0)
Total		21

YEAR II SEMESTER III

Course Code	Course Title	Credit Hours
OP-217	Optometric Instrument	3(3-0)
OP-224	Optics – II	3(3-0)
VS-213	Vision Sciences II	2(2-0)
OP-215	Ocular Disease Basics – I	2(2-0)
ENG-211	Technical Writing and Presentation Skills	3(3-0)
IT-226	Introduction to Computers	3(2-1)
Total		16

YEAR II SEMESTER IV

Course Code	Course Title	Credit Hours
CPR-226	Clinical Practice of Refraction	2(2-0)
MED-212	Clinical Medicine	3(3-0)
CR-225	Clinical Refraction	2(2-0)
OP-223	Ocular Disease Basic - II	3(3-0)
OP-226	Mathematics for Optometry	2(2-0)
VS-312	Ophthalmic Dispensing I	3(3-0)

BS-227	Behavioral Sciences	2(2-0)
Total		17

YEAR III SEMESTER V

Course Code	Course Title	Credit Hours
SR-311	Fundamentals of Surgery	3(3-0)
VS-321	Ophthalmic Dispensing II	2(2-0)
OP-324	BSV and Orthoptic Techniques (Amblyopia)	3(3-0)
DI-315	Diagnostic Instruments I	2(2-0)
OP-317	Optical Modalities and Eye	2(2-0)
OP-318	Clinical Practice	2 (0-2)
ME-317	Medical Ethics	1(1-0)
CPD-314	Clinical Practice (Dispensing)	2(0-2)
Total		17

YEAR III SEMESTER VI

Course Code	Course Title	Credit Hours
CP-324	Clinical Practice (Diagnostic Instruments for Retinal Disease)	2(0-2)
VS-321	Introduction to Contact lens	2(2-0)
DI-329	Diagnostic Instruments II	3(3-0)
LV-322	Introduction to Low Vision	3(3-0)
OE-326	Ocular Emergency Handling	2(2-0)
RD-328	Introduction to Retinal Disease	2(2-0)
S0-323	Strabismus / Orthoptics	3(3-0)
ST-327	Applied Statistics for Optometrists	2(2-0)
Total		18

YEAR IV SEMESTER VII

Course Code	Course Title	Credit Hours
VS-411	Low Vision rehabilitation and Geriatrics	3(3-0)
VS-412	Introduction to Neuro-Ophthalmology	2(2-0)
VS-413	Contact Lens II	3(3-0)
CP-411	Clinical Practice (Advance Refraction and low vision)	2(0-2)
DI 416	Diagnostic Instruments Cases	2(2-0)
OP-414	Clinical Practice (Contact lens)	2(0-2)
OP-325	Pediatric Optometry	2(2-0)
CM-211	Community Medicine	2(2-0)
Total		18

YEAR IV SEMESTER VIII

Course Code	Course Title	Credit Hours
AO-429	Applied Optometry	1(1-0)
BL-421	Basic Life Support	2(1-1)
CL-423	Contact Lens Cases Handling	2(1-1)
LV426	Low Vision Cases	2(1-1)
OC-424	Orthoptics Cases	2(1-1)
OP-427	Ocular Pharmacology	3(3-0)
OS-422	Ophthalmic Screening Observations	3(2-1)
RA-425	Recent Advances In Optometry	2(2-0)
	Total	18

YEAR V SEMESTER IX

Course Code	Course Title	Credit Hours
OP-511	Clinical Rotations I(Refraction, screening and Pediatric care)	6(0-6)
OP-515	Clinical Rotations II (Diagnostic and cornea)	4(0-4)
OP-516	Clinical Rotations III (Contact Lens, dispensing, low vision)	6(0-6)
RMS -514	Research Methodology and applied Statistics	2(2-0)
	Total	18

YEAR V SEMESTER X

Course Code	Course Title	Credit Hours
OP-524	Clinical Rotation IV (General Ophthalmology)	6(0-6)
OP-525	Minor OT procedures	2(1-1)
PROJ 526	Research Project	6(0-6)
	Total	14