

Doctor of Optometry

2014-2019

YEAR I SEMESTER I

Degree (177 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	Biochemistry/Genomics	4(3-1)
OPT-115	Primary Eye Care	1(1-0)
ENG-114	English-1	3(3-0)
SOC-115	Pakistan Studies	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-126	Islamic Studies	2(2-0)
ENG-127	English-II	3(3-0)
	Total	21

YEAR II SEMESTER III

Course Code	Course Title	Credit Hours
CM-211	Community Medicine	2(2-0)
MED-212	Clinical medicine	3(3-0)
OP-213	Optics – I	3(3-0)
VS-214	Vision Sciences	3(2-1)
OP-215	Ocular Disease Basics – I	3(3-0)
ENG-216	English III	3(3-0)

IT-226	Introduction to Computers	3(2-1)
Total		20

YEAR II SEMESTER IV

Course Code	Course Title	Credit Hours
OP-221	Optometric Procedures-I	3(2-1)
OP-222	Ophthalmic Nursing	1(1-0)
OP-223	Ocular Disease Basic - II	3(3-0)
OP-224	Optics-II	3(3-0)
OP-225	Refraction	3(1-2)
OP-226	Mathematics for Optometry	2(2-0)
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-312	Ophthalmic Dispensing I	3(2-1)
OP-313	Strabismus	2(2-0)
OP-314	Optometric Procedures II (instrumentation)	3(2-1)
OP-315	Advance Ocular Diseases I	3(3-0)
OP-316	Advance Refraction and visual functions	3(2-1)
ME-317	Medical Ethics	1(1-0)
OP-318	Clinical Practice	1(0-1)
Total		19

YEAR III SEMESTER VI

Course Code	Course Title	Credit Hours
VS-321	Ophthalmic Dispensing II	3(3-0)
VS-322	Contact lens I	2(2-0)
VS-323	Low vision I	2(2-0)
OP-324	BSV and Orthoptic techniques (amblyopia)	3(3-0)
OP-325	Pediatric Optometry	3(2-1)

OP-326	Clinical Practice	3(0-3)
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)
OP-412	Neuro-Ophthalmology	2(2-0)
VS-413	Contact Lens II	3(3-0)
OP-414	Clinical Refraction and instrumentation	2(2-0)
OP-415	Public Health Optometry	2(2-0)
OP-416	Clinical Practice	4(0-4)
OP-417	Advance Ocular Diseases-II	3(3-0)
Total		18

YEAR IV SEMESTER VIII

Course Code	Course Title	Credit Hours
OP-421	Clinical Reasoning and Diagnostic Procedures	2(2-0)
OP-422	Clinical Problem Solving	2(2-0)
OP-423	Phrama management of Ocular Diseases (Ocular Pharmacology)	2(2-0)
OP-424	Clinical Practice	4(0-4)
OP-425	Basic & Advance Ocular diseases	2(2-0)
Total		12

YEAR V SEMESTER IX

Course Code	Course Title	Credit Hours
OP-511	Clinical Rotations I(Refraction, screening and Pediatric care)	6(0-6)
OP-512	Clinical Rotations II (Contact Lens, dispensing, low vision)	6(0-6)
OP-513	Clinical Rotations III (Diagnostic & Paeds & Ophthalmology clinic)	6(0-6)
	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