

Clinical Ophthalmic Technology (OPT)

Course Title	Course Name	Credit Hrs	Pre-Req
Year 1			
Semester 1			
ENG-301	ENGLISH FOUNDATION	2	
SOC-303	SOCIOLOGY BASIC	2	
ANAT-305	ANATOMY	3	
MEDTR-307	MEDICAL TERMINOLOGY	2	
PHYS-309	PHYSIOLOGY	3	
ISLAM-311	ISLAMİYAT	2	
	Total Credits	14	
Semester 2			
MICRO-302	MICROBIOLOGY & INFECTION CONTROL	3	
BIO-304	BIOCHEMISTRY	3	
PSYCH-306	PSYCHOLOGY BASIC	2	
CS-308	COMPUTER SKILLS	2	
MT (OP) 310	Fundamentals of Ophthalmic Technology	3	
MT (OP) 312	Ophthalmic Medical Terminology	1	
PAK-STD 314	PAKISTAN STUDIES	2	
	Total Credits	16	
Year 2			
Semester 3			
PHARM-401	PHARMACOLOGY	3	
MT (OP) 403	Ocular Anatomy and Physiology-I	3	
MT (OP) 405	Diagnosis and Management of Common Eye Disorders-I	3	
MT (OP) 407	Community Eye Care-I	3	

MT (OP) 409	Clinical Practicum	6	
	Total Credits	18	
Semester 4			
MT (OP) 402	Ophthalmic Pharmacology	3	
MT (OP) 404	Advance Refraction Techniques	3	
MT (OP) 406	Dispensing Optics and Contact Lenses	3	
MT (OP) 408	Basic and Advance Visual Function	2	
MT (OP) 410	Clinical Practicum	6	
	Total Credits	17	
Year 3			
Semester 5			
RMP 501	Research Methods and Principle-I	3	
MT (OP) 503	Ocular Physiology-II	3	
MT (OP) 505	Advance Community Eye Care-II	3	
MT (OP) 507	Diagnosis and Management of Common Eye Disorders-II	3	
MT (OP) 509	Binocular Single Vision and Its Clinical Application	2	
MT (OP) 511	Clinical Practicum	6	
	Total Credits	20	
Semester 6			
RMP 502	Research Methods and Principle-II	3	
MT (OP) 504	Diagnosis and Management of Common Eye Disorders-III	3	
MT (OP) 506	Clinical Optics and Contact Lenses-II	3	
MT (OP) 508	Clinical Practicum	6	
	Total Credits	15	
Year 4			
Semester 7			
BIOSTAT 601	Biostatistics	3	

BMT (OP) 603	Clinical Rotation	12	
BMT (OP) 605	Clinical Practicum	6	
	Total Credits	21	
Semester 8			
HM 602	Health Care Management	3	
RA 604	Research Article	3	
BMT (OP) 606	Clinical Practicum	6	
	Total Credits	12	
	Total Credit Hours	133	