

BS MEDICAL TECHNOLOGY (BS-MT)

COURSE OUTLINE OPERATION THEATRE SCIENCES (OTS)

SEMESTER – I		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-301	Elementary Anatomy	3 (2+1)
MT-303	Clinical Microbiology – I	3 (2+1)
MT-305	Clinical Biochemistry – I	3 (2+1)
MT-309	Clinical Pharmacology – I	3 (2+1)
ISL-300.1	Islamic Studies / Ethics (NM)	2
FEN-300.1	Functional English	3
TOTAL CREDIT HOURS		17

SEMESTER – II		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-312	Elementary Physiology	3 (2+1)
MT-304	Clinical Microbiology – II	3 (2+1)
MT-306	Clinical Biochemistry – II	3 (2+1)
MT-314	Clinical Pharmacology – II	3 (2+1)
MT-318	Introduction to OT Organization	3 (2+1)
PST-300.2	Pakistan Studies	2
TOTAL CREDIT HOURS		17

SEMESTER – III		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-411	Clinical Nutrition & Diet Therapy	3 (3+0)
MT-413	Fundamental Operation Theatre Techniques-I	3 (2+1)
MT-415	OT Instrumentation-I	3 (2+1)
QR-400.1	Quantitative Reasoning – I	3 (3+0)
URU-300.1	Urdu	2
300.1 (Taweed)	Quran Translation, Tajweed & Tafseer	non
300.1 (Seerat)	The Seerat of the Holy Prophet Muhammad (P.B.U.H)	non
MT-417	Clinical Practicum	3 (0+3)
TOTAL CREDIT HOURS		17

SEMESTER – IV		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-412	Anesthesia Procedure	3 (2+1)
MT-414	Fundamental Operation Theatre Techniques-II	3 (2+1)
MT-416	OT Instrumentation-II	3 (2+1)
EPW-300.2	Expository Writing	3
QR-400.2	Quantitative Reasoning – II	3 (3+0)
MT-418	Clinical Practicum	3 (0+3)
TOTAL CREDIT HOURS		18

SEMESTER – V		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-509	General Pathology	3 (3+0)
MT-511	Specialized Operation–I	3 (2+1)
BE-500.1	Introduction to Bio-Medical Ethics	3 (3+0)
CCE-300.1	Civics & Community Engagement	2
MT-513	Clinical Practicum	6 (0+6)
TOTAL CREDIT HOURS		17

SEMESTER – VI		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-510	Specialized Operation–II	3 (2+1)
MT-512	Advance in OT Organization	3 (2+1)
ID-500.2	Fundamental of Infectious Disease	3 (3+0)
ICT-400.2	Applications of Information & Communication Technologies (ICT)	3 (2+1)
ICP-300.2	Ideology & Constitution of Pakistan	2
MT-514	Clinical Practicum	6 (0+6)
TOTAL CREDIT HOURS		20

SEMESTER – VII		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-607	Specialized Operation–III	3 (2+1)
MT-611	Operation Theatre Management	3 (2+1)
ISS-300.2	Introduction to Social Sciences	2
ENTR-300.2	Entrepreneurship	2
	Internship	3 (0+3)
MT-609	Clinical Practicum	6 (0+6)
TOTAL CREDIT HOURS		19

SEMESTER – VIII		
COURSE CODE	SUBJECT	CREDIT HOUR
MT-608	Specialized Operation–IV	3 (2+1)
MT-610	Clinical Practicum	6 (0+6)
	Capstone Project	3 (0+3)
NCS-300.1	Natural Sciences	3 (2+1)
TOTAL CREDIT HOURS		15