

MEDICAL TECHNOLOGY – (4 YEARS)

Course Structure

Level 1					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Practical Hours	
Semester 1					
COM1020	Academic Writing 1	3	-	-	3
CHY2021	General Chemistry 1 - Theory	3	-	-	3
CHY2022	General Chemistry 1 - Practical	-	-	3	1
ANP1002	Anatomy & Physiology	3	-	3	4
MAT1047	College Mathematics 1B	2	2	-	4
MET3021	Medical Terminology	2	-	-	2
CSP1001	Community Service Project*	1	-	-	1
	Sub-Total	14	2	6	18

Level 1					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Practical Hours	
Semester 2					
INT1001	Information Technology	1	1	3	3
CHY2023	General Chemistry 2 - Theory	2	1	-	3
CHY2024	General Chemistry 2 - Practical	-	-	3	1
MAT2003	Calculus	1	2	-	3
MET1002	Orientation to Medical Technology	4	-	3	4
PSY1002	Introduction to Psychology	3	-	-	3
	Sub-Total	11	4	9	17

*CSP must be completed by the end of Year 2

TOTAL CREDITS FOR LEVEL 1=35 credits

Level 2					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Practical Hours	
Semester 1					
CHY2026	General Biochemistry	3	-	-	3
CHY3022	Analytical Chemistry	2	1	3	4
IMM2002	Immunology	3	-	-	3
MET2009	Haematology 1 Theory	4	-	-	4
MET2010	Haematology 1 Practical	-	-	3	1
MET2015	Histotechnology 1 Theory	1	-	-	1
MET2016	Histotechnology Practical	-	-	3	1
MET2013	Medical Microbiology 1 Theory	1	-	-	2
MET2014	Medical Microbiology 1 Practical	-	-	6	2
	Sub-Total	14	1	15	21

Level 2					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Practical Hours	
Semester 2					
COM2014	Academic Writing 2	3	-	-	3
MET2006	Quality Assurance in the Clinical Laboratory	2	-	2	3
MET2007	Clinical Chemistry 1 Theory	4	-	-	4
MET2008	Clinical Chemistry 1 Practical	-	-	3	1
MET2011	Immunohaematology 1 Theory	3	-	-	3
MET2012	Immunohaematology 1 Practical	-	-	3	1
MET2017	Medical Microbiology 2 Theory	2	-	-	2
MET2018	Medical Microbiology 2 Practical	-	-	6	2
	Sub-Total	14	1	14	19

TOTAL CREDITS FOR LEVEL 2= 40 credits

Level 3					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Practical Hours	
Semester 1					
MET3009	Clinical Chemistry 2 - Theory	4	-	-	4
MET3010	Clinical Chemistry 2 - Practical	-	-	3	1
MET3015	Immunohaematology 2 - Theory	4	-	-	4
MET3016	Immunohaematology 2 – Practical	-	-	3	1
MET3007	Medical Microbiology 3 - Practical	-	1	6	3
PHA3001	Toxicology & Drug Monitoring	1	-	-	1
RES3001	Research Methodology	3	-	-	3
	Sub-Total	12	1	12	17

Level 3					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Practical Hours	
Semester 2					
MET3011	Haematology 2 – Theory	3	-	-	3
MET3012	Haematology 2 - Practical	-	-	3	1
MET3019	Histotechnology 2 – Theory	2	-	-	2
MET3020	Histotechnology 2 - Practical	-	-	3	1
MET3017	Medical Microbiology 4 – Theory	4	-	-	4
MET3018	Medical Microbiology 4 – Practical	-	-	6	2
STA3001	Biostatistics	2	1	-	3
	Elective	3	-	-	3
	Sub-Total	12(15)	1	12	19

- (Elective may be done in Yr. 3 or Yr.4)

TOTAL CREDITS FOR LEVEL 3 =36 credits

Level 4					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Practical Hours	
Semester 1					
MET4048	Ethics for Healthcare Professionals	3	-	-	3
HEA1035	Principles of Healthcare Management	3	-	-	3
MET4026	Parasitology & Virology – Theory	2	-	-	2
MET4027	Parasitology & Virology – Practical	-	-	3	1
MET4028	Haematology 3 – Theory	1	-	-	1
MET4029	Haematology 3 – Practical	-	-	3	1
BIT4001	Biotechnology	2	1	3	4
PRJ4011	Research Project	1	-	-	3
	Sub-Total	12(15)	1	9	18

Level 4					
Module Codes	Module	CONTACT HOURS/WEEK			Total Credits
		Lecture Hours	Tutorial Hours	Clinic Hours	
MET4004	Clinical Chemistry – Practicum 5 weeks-200hrs	-	-	-	2.5
MET4005	Haematology – Practicum 5 weeks-200hrs	-	-	-	2.5
MET4006	Medical Microbiology – Practicum 7 weeks-280 hrs.	-	-	-	3.5
MET4007	Immunohaematology – Practicum 3 weeks-120 hrs.	--	-	-	1.5
MET4008	Histopathology – Practicum 4 weeks-160 hrs	-	-	-	2.0
	Sub-Total	0	0	0	12

TOTAL CREDITS FOR LEVEL 4=30 credits

Total Credit	141
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