

TABLE 2**COURSE DISTRIBUTION PER SEMESTER**

A/A	Course Type	Course Name	Course Code	Periods per week (Theory and Lab)	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
Semester 1								
1.	Compulsory	Medical Biochemistry I	MD100	3/4	50	14	98	6
2.	Compulsory	Cellular and Molecular Biology	MD105	3/4	50	14	98	6
3.	Compulsory	Physics for Biomedical Sciences	MD110	4/0	50	14	56	6
4.	Compulsory	Biostatistics	MD115	2/3	50	14	70	6
5.	Compulsory	Clinical Practicum and First Aid	MD120	1/2	50	14	42	6
Semester 2								
6.	Compulsory	Anatomy I	MD125	2/4	50	14	84	6
7.	Compulsory	Histology - Embryology I	MD130	2/4	50	14	84	6
8.	Compulsory	Physiology I	MD135	2/4	50	14	84	6
9.	Compulsory	Medical Biochemistry II	MD140	2/4	50	14	84	6
10.	Compulsory	Introduction to Genetics	MD145	2/4	50	14	84	6
Semester 3								
11.	Compulsory	Anatomy II	MD200	2/4	50	14	98	6
12.	Compulsory	Histology - Embryology II	MD205	3/3	50	14	84	6
13.	Compulsory	Physiology II	MD210	3/4	50	14	98	6
14.	Compulsory	Ethics, Society, Public Health and Legal Medicine	MD215	3/2	50	14	70	6
15.	Compulsory	Inter-professional practice in Healthcare	MD220	2	50	14	28	3
16.	Elective	Students choose one of the preclinical electives shown at the end of this table		1	50	14	14	3

Semester 4								
17.	Compulsory	Neuroscience	MD230	4/4	50	14	112	6
18.	Compulsory	Medical Psychology	MD235	3	50	14	42	6
19.	Compulsory	Clinical Skills	MD240	2/4	50	14	84	6
20.	Compulsory	Basic Immunology and Microbiology	MD245	3/3	50	14	84	6
21.	Compulsory	Introduction to Epidemiology	MD250	3	50	14	42	3
22.	Elective	Students choose one of the preclinical electives shown at the end of this table		1	50	14	14	3
Semester 5								
23.	Compulsory	Pathophysiology I	MD300	3/3	50	14	84	6
24.	Compulsory	Pathology I	MD305	3/3	50	14	84	6
25.	Compulsory	Pharmacology I	MD310	3/3	50	14	84	6
26.	Compulsory	Semiology I	MD315	3/3	50	14	84	6
27.	Compulsory	Medical Microbiology	MD320	3/3	50	14	84	6
Semester 6								
28.	Compulsory	Pathophysiology II	MD325	3/3	50	14	84	6
29.	Compulsory	Pathology II	MD330	3/3	50	14	84	6
30.	Compulsory	Pharmacology II	MD335	3/3	50	14	84	6
31.	Compulsory	Semiology II	MD340	3/3	50	14	84	6
32.	Compulsory	Research Methods	MD345	3/1	50	14	56	3
33.	Elective	Students choose one of the preclinical electives shown at the end of this table		1/0	50	14	14	3
Semester 7								
34.	Compulsory	Internal Medicine I	MD400	6/8	50	16	224	12
35.	Compulsory	Surgery I	MD405	6/8	50	16	224	12
36.	Compulsory	Medical Imaging	MD410	6/0	50	16	96	6

Semester 8								
37.	Compulsory	Internal Medicine II	MD415	6/8	50	16	224	12
38.	Compulsory	Surgery II	MD420	6/8	50	16	224	12
39.	Compulsory	Rheumatology and Dermatology	MD425	3/0	50	16	48	3
40.	Elective	Students choose one of the clinical electives shown at the end of this table		1/0	50	16	16	3
Semester 9								
41.	Compulsory	Neurosciences/Mental Health I	MD500	6/7	50	16	208	12
42.	Compulsory	Maternal/Child health I	MD505	6/7	50	16	208	12
43.	Compulsory	Family Medicine / Primary care I	MD510	2/1	50	16	48	3
44.	Elective	Students choose one of the clinical electives shown at the end of this table		1/0	50	16	16	3
Semester 10								
45.	Compulsory	Neurosciences/Mental Health II	MD515	6/7	50	16	208	12
46.	Compulsory	Maternal/Child health II	MD520	6/7	50	16	208	12
47.	Compulsory	Family Medicine/Primary care II	MD525	2/1	50	16	48	3
48.	Elective	Students choose one of the clinical electives shown at the end of this table		1/0	50	16	16	3
Semesters 11 & 12								
49.	Compulsory	Traineeship I (Internal Medicine III)	MD600	0/7	50	32	224	12
50.	Compulsory	Traineeship II (Surgery III)	MD605	0/7	50	32	224	12
51.	Compulsory	Traineeship III (Neurosciences/Mental Health III)	MD610	0/7	50	32	224	9
52.	Compulsory	Traineeship IV (Maternal/Child health III)	MD615	0/7	50	32	224	9
53.	Compulsory	Traineeship V (Family Medicine / Primary care III)	MD620	0/5	50	32	160	6
54.	Compulsory	Thesis	MD625	3/3	50	32	192	12

Electives

Pre-Clinical Electives (Year 2-3)								
55.	Elective	Antimicrobials and prescribing policies	MD255	1	50	14	14	3
56.	Elective	Clinical Nutrition and Metabolism	MD260	1	50	14	14	3
57.	Elective	Drug Design and Development	MD265	1	50	14	14	3
58.	Elective	Healthcare management	MD270	1	50	14	14	3
59.	Elective	Medical informatics	MD275	1	50	14	14	3
60.	Elective	Nanomedicine	MD280	1	50	14	14	3
61.	Elective	Psychoneuro-endocrinology	MD285	1	50	14	14	3
62.	Elective	Regenerative medicine	MD290	1	50	14	14	3
63.	Elective	Skull Base Clinical Anatomy	MD295	1	50	14	14	3
64.	Elective	Medical Academic Skills	MD297	1	50	14	14	3
Clinical Electives (Year 4-5)								
65.	Elective	Acute & Chronic Pain Management	MD430	1	50	16	16	3
66.	Elective	Cardio-Thoracic and Vascular Surgery	MD435	1	50	16	16	3
67.	Elective	Clinical Toxicology	MD440	1	50	16	16	3
68.	Elective	Diabetes and Cardiovascular health	MD445	1	50	16	16	3
69.	Elective	Forensic medicine	MD450	1	50	16	16	3
70.	Elective	Geriatrics	MD455	1	50	16	16	3
71.	Elective	Infectious diseases: prevention and management	MD460	1	50	16	16	3
72.	Elective	Maxillofacial surgery	MD465	1	50	16	16	3
73.	Elective	Neuroradiology	MD470	1	50	16	16	3
74.	Elective	Plastic surgery	MD475	1	50	16	16	3
75.	Elective	Urology	MD480	1	50	16	16	3