

«Medicine (6 Years / 360 ECTS / MD Doctor of Medicine)» FRANKFURT BRANCH

TABLE 2: COURSE DISTRIBUTION PER SEMESTER

A/A	Course Type	Course Name	Course Code	Periods Per Week (Theory and Lab)	Period Duration in Minutes	Number of weeks/ Academic Semester	Total Hours/ Academic Semester	Number of ECTS
1st Academic Year/1st Semester								
1.	Compulsory	Medical Biochemistry I	MD100	3/4	50	13 + Exams	98	6
2.	Compulsory	Cellular and Molecular Biology	MD105	3/4	50	13 + Exams	98	6
3.	Compulsory	Physics for Biomedical Sciences	MD110	4/0	50	13 + Exams	56	6
4.	Compulsory	Biostatistics	MD115	2/3	50	13 + Exams	70	6
5.	Compulsory	Clinical Practicum and First Aid	MD120	1/2	50	13 + Exams	42	6
1st Academic Year/2nd Semester								
6.	Compulsory	Anatomy I	MD125	2/4	50	13 + Exams	84	6
7.	Compulsory	Histology - Embryology I	MD130	2/4	50	13 + Exams	84	6
8.	Compulsory	Physiology I	MD135	2/4	50	13 + Exams	84	6
9.	Compulsory	Medical Biochemistry II	MD140	2/4	50	13 + Exams	84	6
10.	Compulsory	Introduction to Genetics	MD145	2/4	50	13 + Exams	84	6

2 nd Academic Year/3 rd Semester								
11.	Compulsory	Anatomy II	MD200	2/4	50	13 + Exams	98	6
12.	Compulsory	Histology - Embryology II	MD205	3/3	50	13 + Exams	84	6
13.	Compulsory	Physiology II	MD210	3/4	50	13 + Exams	98	6
14.	Compulsory	Ethics, Society, Public Health and Legal Medicine	MD215	3/2	50	13 + Exams	70	6
15.	Compulsory	Inter-professional practice in Healthcare	MD220	2/0	50	13 + Exams	28	3
16.	Elective	Students choose one of the preclinical electives shown at the end of this table		1/0	50	13 + Exams	14	3
2 nd Academic Year/4 th Semester								
17.	Compulsory	Neuroscience	MD230	4/4	50	13 + Exams	112	6
18.	Compulsory	Medical Psychology	MD235	3/0	50	13 + Exams	42	6
19.	Compulsory	Clinical Skills	MD240	2/4	50	13 + Exams	84	6
20.	Compulsory	Basic Immunology and Microbiology	MD245	3/3	50	13 + Exams	84	6
21.	Compulsory	Introduction to Epidemiology	MD250	3/0	50	13 + Exams	42	3
22.	Elective	Students choose one of the preclinical electives shown at the end of this table		1/0	50	13 + Exams	14	3
3 rd Academic Year/5 th Semester								
23.	Compulsory	Pathophysiology I	MD300	3/3	50	13 + Exams	84	6

24.	Compulsory	Pathology I	MD305	3/3	50	13 + Exams	84	6
25.	Compulsory	Pharmacology I	MD310	3/3	50	13 + Exams	84	6
26.	Compulsory	Communication Skills	MD322	1/2	50	13 + Exams	42	3
27.	Compulsory	Public & Global Health	MD324	3	50	13 + Exams	42	3
28.	Compulsory	Medical Microbiology	MD320	3/3	50	13 + Exams	84	6
3rd Academic Year/6th Semester								
29.	Compulsory	Pathophysiology II	MD325	3/3	50	13 + Exams	84	6
30.	Compulsory	Pathology II	MD330	3/3	50	13 + Exams	84	6
31.	Compulsory	Pharmacology II	MD335	3/3	50	13 + Exams	84	6
32.	Compulsory	Medical Immunology	MD338	4/0	50	13 + Exams	84	6
33.	Compulsory	Research Methods	MD345	3/1	50	13 + Exams	56	3
34.	Elective	Students choose one of the preclinical electives shown at the end of this table		1/0	50	13 + Exams	14	3
4th Academic Year/7th Semester								
35.	Compulsory	Internal Medicine I	MD400	6/8	50	16 + Exams	224	12
36.	Compulsory	Surgery I	MD405	6/8	50	16 + Exams	224	12
37.	Compulsory	Medical Imaging	MD410	6/0	50	16 + Exams	96	6
4th Academic Year/8th Semester								

38.	Compulsory	Internal Medicine II	MD415	6/8	50	16 + Exams	224	12
39.	Compulsory	Surgery II	MD420	6/8	50	16 + Exams	224	12
40.	Compulsory	Dermatology and Rheumatology	MD425	3/0	50	16 + Exams	48	3
41.	Elective	Students choose one of the clinical electives shown at the end of this table		1/0	50	16 + Exams	16	3
5th Academic Year/9th Semester								
42.	Compulsory	Neurosciences/Mental Health I	MD500	6/7	50	16 + Exams	208	12
43.	Compulsory	Maternal/Child health I	MD505	6/7	50	16 + Exams	208	12
44.	Compulsory	Family Medicine / Primary care I	MD510	2/1	50	16 + Exams	48	3
45.	Elective	Students choose one of the clinical electives shown at the end of this table		1/0	50	16 + Exams	16	3
5th Academic Year/10th Semester								
46.	Compulsory	Neurosciences/Mental Health II	MD515	6/7	50	16 + Exams	208	12
47.	Compulsory	Maternal/Child health II	MD520	6/7	50	16 + Exams	208	12
48.	Compulsory	Family Medicine/Primary care II	MD525	2/1	50	16 + Exams	48	3
49.	Elective	Students choose one of the clinical electives shown at the end of this table		1/0	50	16 + Exams	16	3
6th Academic Year/11th and 12th Semesters								
50.	Compulsory	Traineeship I (Internal Medicine III)	MD600	0/7	50	32	224	12

51.	Compulsory	Traineeship II (Surgery III)	MD605	0/7	50	32	224	12
52.	Compulsory	Traineeship III (Neurosciences/Mental Health III)	MD610	0/7	50	32	224	9
53.	Compulsory	Traineeship IV (Maternal/Child health III)	MD615	0/7	50	32	224	9
54.	Compulsory	Traineeship V (Family Medicine / Primary Care III)	MD620	0/5	50	32	160	6
55.	Compulsory	Thesis	MD625	3/3	50	32	192	12

Electives								
Pre-Clinical Electives (Year 2-3)								
56.	Elective	Antimicrobials and prescribing policies	MD255	1/0	50	14+ Exams	14	3
57.	Elective	Clinical Nutrition and Metabolism	MD260	1/0	50	14+ Exams	14	3
58.	Elective	Drug Design and Development	MD265	1/0	50	14+ Exams	14	3
59.	Elective	Healthcare management	MD270	1/0	50	14+ Exams	14	3
60.	Elective	Medical informatics	MD275	1/0	50	14+ Exams	14	3
61.	Elective	Nanomedicine	MD280	1/0	50	14+ Exams	14	3
62.	Elective	Psychoneuro-endocrinology	MD285	1/0	50	14+ Exams	14	3
63.	Elective	Regenerative medicine	MD290	1/0	50	14+ Exams	14	3
64.	Elective	Skull Base Clinical Anatomy	MD295	1/0	50	14+ Exams	14	3

65.	Elective	Medical Academic Skills	MD297	1/0	50	14+ Exams	14	3
Clinical Electives (Year 4-5)								
66.	Elective	Acute & Chronic Pain Management	MD430	1/0	50	16 + Exams	16	3
67.	Elective	Cardio-Thoracic and Vascular Surgery	MD435	1/0	50	16 + Exams	16	3
68.	Elective	Clinical Toxicology	MD440	1/0	50	16 + Exams	16	3
69.	Elective	Diabetes and Cardiovascular health	MD445	1/0	50	16 + Exams	16	3
70.	Elective	Forensic medicine	MD450	1/0	50	16 + Exams	16	3
71.	Elective	Geriatrics	MD455	1/0	50	16 + Exams	16	3
72.	Elective	Infectious diseases: prevention and management	MD460	1/0	50	16 + Exams	16	3
73.	Elective	Maxillofacial surgery	MD465	1/0	50	16 + Exams	16	3
74.	Elective	Neuroradiology	MD470	1/0	50	16 + Exams	16	3
75.	Elective	Plastic surgery	MD475	1/0	50	16 + Exams	16	3
76.	Elective	Urology	MD480	1/0	50	16+ Exams	16	3