

Medical Curriculum

OBLIGATORY COURSES (THC: Teaching Hours)

1 st Semester		T.H.C.	ECTS
MS1.1	Anatomy of Musculoskeletal System	50	7
MS1.2	Biology A	50	7
MS 1.3	Introduction to Public Health	30	2
MS 1.4	Epistemology & History of Medicine	16	2
MS 1.5	Medical Physics	55	6
MS 1.6	Chemistry	56	6
Total		257	30

2 nd Semester		T.H.C.	ECTS
MS 2.1	Biology B	50	6
MS 2.2	Biostatistics	46	4
MS 2.3	Biochemistry A	50	6
MS 2.4	Neuroanatomy	46	5
MS 2.5	Physiology A	50	7
Total		242	28

3 rd Semester		T.H.C.	ECTS
MS 3.1	Basic Immunology	30	2
MS 3.2	Biochemistry B	60	6
MS 3.3	Embryology A	14	2
MS 3.4	Histology A	46	4

4 th Semester		T.H.C.	ECTS
MS 4.1	General Pathology	50	5
MS 4.2	Embryology B	14	2
MS 4.3	Histology B	46	3
MS 4.4	Microbiology A	60	5

MS 3.5	Topographic Anatomy A	60	7
MS 3.6	Physiology B	50	7
Total		260	28

MS 4.5	Topographic Anatomy B	60	6
MS 4.6	Physiology C	50	7
Total		280	28

5th Semester		T.H.C.	ECTS
MS 5.1	Systemic Pathology A.	36	3
MS 5.2	Laboratory Medicine	40	5
MS 5.3	Microbiology B	60	5
MS 5.4	Molecular Medicine	30	2
MS 5.5	Pathophysiology A	60	7
MS 5.6	Pharmacology A	60	6
Total		286	28

6th Semester		T.H.C.	ECTS
IΣ 6.1	Radiology A- Medical Imaging	30	2
IΣ 6.2	Systemic Pathology B	36	3
IΣ 6.3	Epidemiology-Public Health	30	2
IΣ 6.4	Pathophysiology B	60	7
IΣ 6.5	Introduction to Clinical Medicine	45	4
IΣ 6.6	Introduction to Surgery	30	3
IΣ 6.7	Toxicology	16	2
IΣ 6.8	Pharmacology B	45	5
Total		292	28

7th Semester		T.H.C.	ECTS
IΣ 7.1	Radiology-Medical Imaging B	46	4
IΣ 7.2	Neurology	50	4
IΣ 7.3	Orthopaedics	30	3
IΣ 7.4	Urology	20	2

8th Semester		T.H.C.	ECTS
MS 8.1	Anaesthesiology	20	2
MS 8.2	Intensive Care Medicine	16	2
MS 8.3	Emergency Medicine	16	2
MS 8.4	Obstetrics and Gynecology	40	3

ΙΣ 7.5	Internal Medicine A	80	8
ΙΣ 7.6	Surgery A	50	4
ΙΣ 7.7	Psychiatry	46	3
Total		322	28

MS 8.5	Ophthalmology	16	2
MS 8.6	Paediatrics	60	4
MS 8.7	Internal Medicine B	80	8
MS 8.8	Surgery B	40	3
MS 8.9	ENT	20	2
Total		308	28

INDICATIVE LIST OF ELECTIVE COURSES

SECOND SEMESTER			
Courses		T.H.C.	E.C.T.S.
MS 2.7	Medicine and the Humanities	16	2

THIRD SEMESTER			
Courses		T.H.C.	E.C.T.S.
MS 3.7	Nutrition	16	2
MS 3.8	Introduction to Bioinformatics	16	2
MS 3.9	Compassion in Clinical Care	16	2

FOURTH SEMESTER			
Courses		T.H.C.	E.C.T.S.

MS 4.7	Cancer Immunology	16	2
MS 4.8	Evidence Based Medicine & Clinical Decision Analysis	16	2
MS 4.9	Basic Principles of Programming	30	2

FIFTH SEMESTER			
Courses		T.H.C.	E.C.T.S.
MS 5.7	Radiological Anatomy	16	2
MS 5.8	Basic Principles of Oncogenesis	16	2
MS 5.9	Medical Informatics	16	2
MS 5.11	Molecular Basis of Development and Dysfunction of the Nervous System	16	2

SIXTH SEMESTER			
Courses		T.H.C.	E.C.T.S.
MS 6.9	Basic Principles of Electrocardiogram (ECG)	30	2
MS 6.10	Cellular Communication and Human Diseases	16	2
MS 6.11	Cytology	16	2
MS 6.12	Physiology and Pathophysiology of Haemopoiesis	16	2

SEVENTH SEMESTER			
Courses		T.H.C.	E.C.T.S.
MS 7.8	Basic Research in Medicine	16	2
MS 7.9	Principles of Radiotherapy/Radiation Oncology	16	2

MS 7.10	The Human Microbiome - From basic research to clinical application	16	2
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EIGHTH SEMESTER			
Courses		T.H.C.	E.C.T.S.
MS 8.10	Hemodynamic Pathophysiology of Vascular Diseases and Principles in Non-invasive Vascular Diagnostics	16	2
MS 8.11	Andrology	16	2
MS 8.12	Patient-centered care: Concepts and Principles	30	2