

FACULTY OF MEDICINE – SKOPJE

**STUDIES OF
GENERAL MEDICINE
IN ENGLISH
LANGUAGE**

CURRICULUM OF THE STUDIES IN GENERAL MEDICINE

I YEAR

I semester				II semester			
Subjects	Lessons	Credits	Validity exam sessions	Subjects	Lessons	Credits	Validity exam sessions
Biophysics	60	3	6	Medical chemistry	90	7	3
Cell morphology and physiology	60	5	3	Anatomy 2	90	7	3
Anatomy 1	90	9	3	Histology and embryology 2	75	6	6
Introduction to medicine	30	2	6	Health promotion	15	1	6
Medical psychology and sociology	75	5	6	Medical ethics	30	2	6
Histology and embryology 1	60	5	3	Introduction to human genetics	60	5	6
Sports and health	30	1		First aid	15	1	6
				Elective subject	15	1	
	405	30			390	30	

II YEAR

III semester				IV semester			
Subjects	Lessons	Credits	Validity exam sessions	Subject	Lessons	Credits	Validity exam sessions
Biochemistry 1	105	7	3	Physiology 2	90	6	3
Physiology 1	150	11	3	Biochemistry 2	75	5,5	3
Introduction to immunology	45	3	6	Microbiology with parasitology 1	60	4	3
Biostatistics with medical informatics	45	3	6	Pathological physiology 1	105	7	3
Anatomy 3	90	6	3	Hygiene	75	5	6
				Basics in scientific work	30	1,5	6
				Elective subject	15	1	
	435	30			450	30	

III YEAR

V semester				VI semester			
Subjects	Lessons	Credits	Validity exam sessions	Subjects	Lessons	Credits	Validity exam sessions
Microbiology with parasitology 2	75	6	3	Pathology 2	120	8	3
Pathological physiology 2	60	4,5	3	Clinical examination	92	7	3
Pathology 1	135	9	3	Pharmacology	105	7	3
Clinical examination	93	6	6	Epidemiology	75	5	6
Radiology	60	3	6	Transfusiology	30	2	6
Nuclear medicine	30	1,5	6	Elective subject	15	1	
	453	30			437	30	

IV YEAR

VII semester				VIII semester			
Subjects	Lessons	Credits	Validity exam sessions	Subjects	Lessons	Credits	Validity exam sessions
Internal medicine	205	11	6	Internal medicine	150	9,5	6
Infectiology	105	7	6	Surgery	160	9,5	6
Dermatovenereology	80	5	6	Gynecology	100	6	6
Neurology	97	6	6	Clinical pharmacology	30	1,5	3
Elective subject	15	1		Clinical biochemistry	30	1,5	3
				Oncology	45	2	6
	502	30			515	30	

V YEAR





IX semester				X semester			
Subjects	Lessons	Credits	Validity exam sessions	Subjects	Lessons	Credits	Validity exam sessions
Surgery	175	10.5	6	Pediatrics	90	5	6
Gynecology and obstetrics	105	6	6	Psychiatry	95	5.5	6
Pediatrics	90	6	6	Otorhinolaryngology	97	6	6
Orthopedics	55	3	6	Ophthalmology	67	4	6
Anesthesiology and reanimation and pain management	40	2	6	Family medicine	30	1.5	6
Emergency medicine	30	1.5	6	Forensic medicine	75	4	6
Physical medicine and rehabilitation	15	1	6	Occupational medicine	45	2	6
				Social medicine and health economics	30	2	6
	510	30			529	30	

VI YEAR

XI semester		XII semester	
Subjects	Duranton/organization	Lessons	Credits
Internal medicine clinical practice	8 weeks	320	15
Surgery clinical practice	8 weeks	320	15
Gynecology and obstetrics clinical practice	4 weeks	160	7
Pediatrics clinical practice	3 weeks	120	6
Public health clinical practice	2 weeks	80	4
Family medicine clinical practice	1 week	40	2
Gerontology	1 week	40	2
Palliative medicine	1 week	40	2
Seminars* (3 subjects)	1 week Differential diagnosis (solving cases internal+surgery+pediatrics)	60	3
Clinical microbiology	2 days	15	1
Rational drug prescription and natural ways of healing	1 week	40	2
Elective subject		15	1
		1250	60

*Seminars are conducted on the mentoring principle with professors and assistants. They are organized as active participation of students in the working process, participation of seminars and/or workshops, public presentations of case reports.

CONDITIONS FOR ADVANCEMENT

I into II semester:		
Signature: Anatomy 1		Anatomy 2
Signature: Histology with Embryology 1		Histology with Embryology 2
Signature: Cell morphology and physiology		Introduction to human genetics
Signature: Introduction to medicine		Health promotion


II into III semester:		
Passed exams: Anatomy 1 Anatomy 2 Histology with Embryology 1	→	Anatomy 3 Physiology 1
Passed exams: Medical Chemistry	→	Biochemistry 1
Passed exams: Cell morphology and physiology	→	Physiology 1 Introduction to immunology
Signature: Introduction to human genetics	→	Introduction to immunology

III into IV semester:		
Signature: Biochemistry 1	→	Biochemistry 2
Signature: Physiology 1	→	Physiology 2 Pathological physiology 1
Passed exams: Cell morphology and physiology Signature: Introduction to immunology	→	Microbiology with parasitology 1

IV into V semester:		
Passed exams: Physiology 1 Signature: * Pathological physiology 1	→	Pathological physiology 2
Passed exams: Physiology 1 Signature: Physiology 2 Pathological physiology 1 Microbiology with parasitology 1	→	Microbiology with parasitology 2
Passed exams: Physiology 1 Anatomy 3 Histology and embryology 2 Signature: Physiology 2 Pathological physiology 1	→	Pathology 1
Passed exams: Physiology 1 and Anatomy 3 Signature: Microbiology with parasitology 1 * Pathological physiology 1	→	Clinical examination 1
Passed exams: Biophysics	→	Radiology Nuclear medicine

* The student does not have the right to take the Pathological physiology 2 and Clinical examination exams before passing the exam of Pathological physiology 1.

V into VI semester:		
Passed exams: Biochemistry 1 Physiology 2 Signature: Pathology 1 Pathological physiology 2 Clinical examination 1	→	Clinical examination 2
Passed exams: Biochemistry 1 Physiology 2 Signature: Pathology 1 Pathological physiology 2	→	Pathology 2 Pharmacology Transfusiology
Passed exams: Medical statistics with informatics	→	Epidemiology

VI into VII semester:		
Passed exams: Introduction to medicine Medical psychology and sociology Health promotion Medical ethics First aid Basics in scientific work Introduction to human genetics Biochemistry 2 Microbiology with parasitology 2 Pathophysiology 2 Pathology 1 Pathology 2 Clinical examination Introduction to immunology Hygiene Radiology Signature: *Pharmacology Epidemiology Transfusiology Nuclear medicine		FOR ANY SUBJECT

* The student cannot take the Clinical Pharmacology exam before passing the Pharmacology ex