

STUDY CURRICULUM

(RECCOMENDED STUDY PLAN)

For academic year

2024/2025

GENERAL MEDICINE

EXPLANATION TO THE ABBREVIATIONS USED IN THE STUDY CURRICULUM

Credit points – number of obtained credit points after completion of particular subject

L – number of hours of **lectures** per semester

P – number of hours of **practical classes** per semester

E - number of hours of **e-learning** per semester

S – number of hours of **seminars** per semester

C – credit – confirms completion of each semester in a particular subject; in some subjects needn't be followed by final examination

Ex – **final examination**

STEX – **state examination**



GENERAL MEDICINE - 1ST YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Biophysics and Biostatistics	10	-	41	-	69 C+Ex	-	-	-
Anatomy I	11	-	54	-	75 C	-	-	-
Anatomy II	-	13	-	-	-	54	-	78 C+Ex
Histology and Embryology I	6	-	33	-	39 C	-	-	-
Histology and Embryology II	-	8	-	-	-	36	-	42 C+Ex
Biology I	-	4	-	-	-	16	-	33 C
Latin Medical Terminology I	2	-	-	-	30 C	-	-	-
Latin Medical Terminology II	-	2	-	-	-	-	-	24 C+Ex
First Aid I	-	1	-	-	-	1	2	12 C
Czech Language I	1	-	-	-	30 C	-	-	-
Czech Language II	-	1	-	-	-	-	-	30 C

GENERAL MEDICINE - 2ND YEAR

SUBJECT (abbreviation)	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Biology II	5	-	23	-	33 C+Ex	-	-	-
Biochemistry I	10	-	34	-	66 C	-	-	-
Biochemistry II	-	10	-	-	-	48	-	84 C+Ex
Physiology I	10	-	52	-	75 C	-	-	-
Physiology II	-	10	-	-	-	50	-	75 C+Ex
Microbiology I	-	3	-	-	-	15	-	36 C
Basis for Patient Care I	1	-	3	-	18 C	-	-	-
Basis for Patient Care II	-	1	-	-	-	-	-	26 C+Ex
Introduction to Psychosomatic Medicine and Communication with Patients	3	-	6	-	30 C+Ex	-	-	-
First Aid II	-	1	-	-	-	-	12	3 C
Czech Language III	2	-	-	-	45 C	-	-	-
Czech Language IV	-	2	-	-	-	-	-	39 C+Ex
Patient Care Medical practice during summer vacation	-	1	2 weeks in a hospital C					

GENERAL MEDICINE - 3RD YEAR

SUBJECT (abbreviation)	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Microbiology II	4	-	18	-	30 C+Ex	-	-	-
Pathological Anatomy I	8	-	63	-	39 C	-	-	-
Pathological Anatomy II	-	8	-	-	-	78	-	42 C+Ex
Pathological Physiology I	6	-	42	-	36 C	-	-	-
Pathological Physiology II	-	6	-	-	-	46	-	33 C+Ex
Pharmacology I	-	4	-	-	-	17	-	27 C
Clinical Examination in Internal Medicine	7	-	25	-	67 C+Ex	-	-	-
Internal Medicine I	-	5	-	-	-	20	-	46 C
Essentials of Surgery I	-	1	-	-	-	-	-	15 C
Medical Immunology	3	-	19	-	18 C+Ex	-	-	-
Dentistry	1	-	21 C	-	-	-	-	-
Ethics in Medicine	-	2	-	-	-	6	-	27 C

GENERAL MEDICINE - 4TH YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Pharmacology II	4	-	25	-	36 C+Ex	-	-	-
Diagnostic Radiology and Nuclear Medicine	4	-	14	-	40 C+Ex	-	-	-
Neurology I	2	-	13	-	24 C	-	-	-
Neurology II	-	3	-	-	-	15	-	30 C+Ex
Rehabilitation Medicine	1	-	6	-	8 C	-	-	-
Internal Medicine II	5	-	7	-	62 C	-	-	-
Internal Medicine III	-	6	-	-	-	16	-	65 C
Essentials of Surgery II	1	-	-	-	15 C+Ex	-	-	-
Surgery I	5	-	12	15	39 C	-	-	-
Surgery II	-	6	-	-	-	11	22	55 C
Anesthesiology and Essentials of Intensive Medicine	-	2	-	-	-	10	-	20 C+Ex
Psychiatry I	-	4	-	-	-	12	-	50 C
Dermatovenereology	-	4	-	-	-	15	-	39 C+Ex
Clinical Biochemistry	1	-	-	-	-	5	-	16 C
Palliative Medicine	-	1	-	-	-	10	-	6 C
Internal Medicine Summer Clinical Attachment	-	2	2 weeks during summer vacation C					
Surger medical practice in a hospital	-	2	2 weeks during summer vacation C					

GENERAL MEDICINE - 5TH YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Internal Medicine IV	3	-	6	-	28 C	-	-	-
Internal Medicine V	-	2	-	-	-	-	-	36 C
General Medicine I	1	-	-	-	11 C	-	-	-
Psychiatry II	3	-	11	-	28 C+Ex	-	-	-
Ophthalmology	4	-	12	-	41 C+Ex	-	-	-
Otorhinolaryngology	4	-	12	-	41 C+Ex	-	-	-
Infectious Diseases and Epidemiology I	1	-	6	2	22 C	-	-	-
Infectious Diseases and Epidemiology II	-	3	-	-	-	7	2	42 C+Ex
Forensic Medicine	-	3	-	-	-	15	-	24 C+Ex
Oncology and Radiotherapy	-	3	-	-	-	32	-	20 C+Ex
Surgery III	3	-	6	9	24 C	-	-	-
Surgery IV	-	3	-	-	-	6	9	24 C+Ex
Gynecology and Obstetrics I	4	-	28	-	32 C	-	-	-
Gynecology and Obstetrics II	-	4	-	-	-	30	-	36 C
Pediatrics I	3	-	5	6	36 C	-	-	-
Pediatrics II	-	4	-	-	-	8	15	39 C
Preventive Medicine I	2	-	10	-	20 C	-	-	-
Preventive Medicine II	-	2	-	-	-	12	-	24 C
Public Health	-	3	-	-	-	11	-	28 C
First Aid III	1	-	-	12	3 C	-	-	-

GENERAL MEDICINE - 6TH YEAR

The sixth year of study is basically oriented to a clinical and hospital practice and practice in out-patient departments. The students will be divided into two groups and 2 subgroups, which rotate during the academic year.

STATE EXAMS
State exam in Preventive Medicine
State exam in Surgery
State exam in Internal Medicine
State exam in Gynecology and Obstetrics
State exam in Pediatrics

LIST OF THE RECOMMENDED ELECTIVE SUBJECTS

FOR THE GENERAL MEDICINE STUDY PROGRAM

SUBJECT	Credits		Winter sem.			Summer sem.			Recom- mended for year
	WS	SS	L	E	P/S	L	E	P/S	
Advanced Medical Czech	1	-	-	-	20 C	-	-	-	4 th – 5 th
Basis of Harvesting and Preservation of Tissues for Transplantation	-	1	-	-	-	6	-	9 C	3 rd – 6 th
Biology of Tumor Cells	-	2	-	-	-	24	-	6 C	2 nd – 6 th
Cellular Pathobiochemistry	1	-	15 C	-	-	-	-	-	3 rd – 5 th
Clinical Anatomy	-	1	-	-	-	-	-	15 C	2 nd – 5 th
Clinical Pharmacology	-	2	-	-	-	15	-	15 C	5 th only
Clinical Sexology	1	-	15 C	-	-	-	-	-	5 th only
Clinico-pathological Conferences	2	-	-	-	30 C	-	-	-	5 th
Czech Language in Hospital	2	-	-	-	30 C	-	-	-	3 rd – 5 th
Emergencies in Internal Medicine	2	-	-	6	18 C	-	-	-	5 th
Emergencies in Internal Medicine	-	2	-	-	-	-	6	18 C	5 th
Family Systems in Medicine	1	-	-	-	15 C	-	-	-	4 th – 5 th
Intensive study of visceral anatomy	-	2	-	-	-	-	30 C	-	1 st – 6 th
Introduction to Chemistry	-	2	-	-	-	-	18	12 C	1 st – 2 nd
Introduction to Medical Informatics	-	2	-	-	-	-	-	30 C	3 rd – 5 th
Introduction to Research Work	-	1	-	-	-	-	-	15 C	2 nd – 5 th
Introduction to Toxicology	1	-	15 C	-	-	-	-	-	3 rd – 5 th
Locomotor system and internal organs	3	-	-	-	39 C	-	-	-	2 nd year ISP only
Logotherapy – a Therapeutic Tool of the Doctor for Their Patients	-	1	-	-	-	6	-	6 C	3 rd –6 th

Medical Biophysics Seminar	2	-	-	21	9 C	-	-	-	1st – 5th
Medical Czech Language	-	2	-	-	-	-	-	30 C	3rd – 5th
Medical Information Resources on Internet	-	1	-	-	-	6	-	9 C	2nd – 5th
Medical Information System for the GP	-	2	-	-	-	15	-	15 C	4th – 5th
Microbiological Aspects of Tropical Infectious Diseases	-	2	-	-	-	15	-	15 C	3rd – 5th
Myoskeletal Medicine	-	2	-	-	-	-	-	30 C	4th – 5th
Neurosciences	2	-	10	-	20 C	-	-	-	4th – 5th
Physical Education I	1	-	-	-	30 C	-	-	-	1st
Physical Education II	-	1	-	-	-	-	-	30 C	1st
Physical Education III	1	-	-	-	30 C	-	-	-	2nd
Physical Education IV	-	1	-	-	-	-	-	30 C	2nd
Physical Education V	-	1	-	-	-	-	-	-	3rd
Physical Education VI	1	-	-	-	-	-	-	-	3rd
Principles of Emergency and Critical Care	1	-	9	-	6 C	-	-	-	5th only
Selected Chapters in Endocrinology	-	1	-	-	-	15 C	-	-	4th – 5th
Selected Topics from Topographical Anatomy	2	-	-	-	30 C	-	-	-	2nd only
Seminars in Basic Histology and Embryology	1	-	-	-	18 C	-	-	-	1st only
Seminars in Special Histology and Embryology Assoc. Prof. D. Čížková, M.D., Ph.D.	-	1	-	-	-	-	-	18 C	1st only
Sports Medicine	-	2	-	-	-	12	-	15 C	4th
Stem Cells and Regenerative Medicine	-	2	-	-	-	25	-	7 C	2nd – 5th

Student's Scientific Activity – SVOČ I	-	2	-	-	-	-	-	30 C	2 nd – 5 th
Student's Scientific Activity – SVOČ II	-	3	-	-	-	-	-	30 C	3 rd – 5 th
Summer Vacation Practice at a Clinical Workplace Abroad	-	2	-	-	-	2 weeks practice C			3 rd – 6 th
Summer Vacation Practice at a Research Workplace Abroad	-	2	-	-	-	2 weeks practice C			1 st
Topographical Anatomy for the First Year	-	1	-	-	-	-	15 C	-	1 st – 6 th
Základní letní sportovní kurz (Basic Summer Sports Course)	-	1	-	-	-	9 days C			1 st – 5 th
Základní zimní sportovní kurz (Basic Winter Sports Course)	1	-	5 days C		-	-	-		1 st – 5 th