STUDY CURRICULUM

(RECCOMENDED STUDY PLAN)

For academic year

2026/2027

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

Topographical Anatomy for the First Year	**-**	**1**	**-**	**-**	**-**	**-**	**15 C**	**-**	**1st – 6th**
Undergraduate Research I	**2**	**-**	**8**	**-**	**30 C**	**-**	**-**	**-**	**1st – 6th**
Undergraduate Research II	**-**	**3**	**-**	**-**	**-**	**6**	**-**	**40 C**	**1st – 6th**
Základní letní sportovní kurz (Basic Summer Sports Course)	**-**	**1**	**-**	**-**	**-**	**9 days C**			**1st –5th**
Základní zimní sportovní kurz (Basic Winter Sports Course)	**1**	**-**	**5 days C**			**-**	**-**	**-**	**1st –5th**