

Higher education institution: Slovak Medical University in Bratislava	
Faculty: Faculty of Medicine	
Course code: VL 026A	Course title: Internal Medicine (1)
Type, extent and method of educational activities: <i>Per semester in hours: 98</i> <i>Lecture: 42 / week 3 hrs.</i> <i>Exercise: 56 / week 4 hours</i> <i>(Student's total workload is 150 hours)</i> <i>Method of educational activity: full-time (distance1)</i> <i>Form of study: daily attendance</i>	
Number of credits: 6 credits	
Recommended semester / trimester of study: 6th semester	
Degree: 1st + 2nd level (MUDr.)	
Prerequisites: VL 020 Propaedeutics of internal medicine	
Conditions for passing the course: The criterion for successful completion of the course is 100% active participation in clinical exercises, 80% participation in lectures, successful completion of the test, minimum success rate: 70%. The student's workload is 27 hours, which includes independent theoretical preparation for internships, improving the practical skills of the patient's physical examination. Preparing for testing.	
Learning outcomes: The student will acquire theoretical knowledge about the most common internistic diseases (cardiovascular, pulmonary, gastroenterological, hepatobiliary, nephrological, endocrinological, etc.), on the basis of which he will be able to distinguish individual diseases. At the same time he/she will get acquainted with their diagnostics, will be able to interpret the results of additional examinations, on the basis of received professional information The student will also learn practical skills in the physical and additional examination of various internistic patients, taking into account the dominant pathology (cardiology, gastroenterology, nephrology, hepatology, endocrinology patients, etc.).	
Course contents: Examination of a cardiological patient (practice of practical skills, examination techniques). Basic cardiovascular diseases (ACS, cardiomyopathy, arrhythmias, arterial hypertension, coronary heart disease, myocarditis, endocarditis, pericarditis, valve defects, syncope, etc.), their diagnostics. Emergencies in cardiology, their diagnosis. Examination of a patient with a disease of the respiratory system (practice of practical skills, examination techniques). Basic diseases of the respiratory tract (bronchitis, pneumonia, lung abscess, bronchial asthma, tuberculosis, chronic obstructive pulmonary disease, cor pulmonale, lung tumors), their diagnosis. Emergencies in pneumology. Examination of patients with diseases of the GIT and hepatobiliary system (training in practical skills, abdominal and intra-abdominal organ examination techniques). Basic diseases of the GIT (GERD, esophageal achalasia, gastritis, peptic ulcer, pancreatitis, ulcerative colitis, GIT tumors) and hepatobiliary system (cholecystitis, cholelithiasis, hepatitis, liver cirrhosis, liver tumors and biliary system). Examination of a nephrological patient (practice of practical skills, examination techniques). Basic nephrological diseases (glomerulonephritis, pyelonephritis, AKI, CKD, kidney tumors), their diagnosis. Emergencies in nephology. Examination of an endocrinological patient (hypo- and hyper thyroid function, diabetes mellitus, Addison's disease, Cushing's disease, etc.), practice of practical skills, examination techniques). Basic endocrine diseases, their diagnosis. Emergencies in endocrinology. Auxiliary examination methods in endocrinology. Examination of a hematological patient. Basic hematological diseases (anemia, leucosis, etc.), their diagnosis. Emergencies in hematology. Auxiliary examination methods in hematology. Examination of joints, muscles and spine. Basic rheumatic diseases (rheumatoid arthritis, deforming osteoarthritis, etc.), their diagnosis. Emergencies in rheumatology. Auxiliary examination methods in rheumatology.	
Recommended literature: <i>Hrušovský Š. a kol.: Internistická propedeutika, Bratislava, Herba, 2013, 800 s.</i> <i>Hrušovský, Š.: Praktická hepatológia. 3. vydanie. Bratislava, Herba 2015, 304 s.,</i> <i>Kišňová S., Hulín I. a kol.: Interná medicína, Bratislava, Prolitera, 2013, 1136 s.</i> <i>Kolek V., Kašák V., Vašková M. a kol.: Pneumológia, 2. vyd., Maxdorf, 2014, 608 s.</i> <i>Češka R. a kol.: Interna. 3.aktualiz. vyd. Praha: Triton, 2020, 1036 s.</i> <i>Bátovský M. a kol. Aktuality v gastroenterológii, Herba, 2018, 97 s.</i> <i>Gonçalvesová, E.: Zlyhávanie srdca. Bratislava, ProLitera 2016, 616 s.</i> <i>Hrušovský, Š.: Praktická hepatológia. 3. vydanie. Bratislava, Herba 2015, 304 s.,</i> <i>Krištúfek, P., Matula B. a kol.: Funkcia dýchania v klinickej praxi. Bratislava, Herba 2015, 192 s.,</i> <i>Payer, J. a kol.: Vybrané klasifikácie v internej medicíne. Bratislava, Herba 2016, 74 s.</i> <i>Souček M., Svačina P. Vnitřní lékařství v kostce . Grada, 2019, 464s.</i>	

<i>Vojáčeki J., Kettner J.: Klinická kardiologie, Praha, Nucleus HK, 2012, 1134 s.</i>					
Language requirements: Slovak language					
Notes: The course is taught in Slovak and English.					
Course assessment Assessed students in total: 0					
A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%
Lecturers: <i>doc. MUDr. Martin Demeš, PhD., MPH.,</i> <i>doc. MUDr. Andrea Kalavská, PhD.</i> <i>doc. MUDr. Miroslav Žigrai, PhD.,</i> <i>doc. MUDr. Nad'a Rozumková, PhD.,</i> <i>MUDr. Adriana Gregušová, PhD,</i> <i>MUDr. Andrej Karaman, PhD.</i> <i>MUDr. Viera Smetanová, PhD.</i>					
Date of last modification: 31. 1. 2022					
Approved by: the person responsible for the implementation, development and quality assurance of the study program, prof. MUDr. Iveta Simkova, CSc..					

Higher education institution: <i>Slovak Medical University in Bratislava</i>					
Faculty: Faculty of Medicine					
Course code: VL 026B			Course title: Internal Medicine (2)		
Type, scope and method of educational activities:					
Per semester in hours: 77					
Lecture: 35 / week 2.5 hours					
Exercise: 42 / week 3 hrs.					
(Student's total workload is 100 hours)					
Method of educational activity: full-time (external ¹)					
Form of study: daily attendance					
Number of credits: 4 credits					
Recommended semester / trimester of study: 7th semester					
Degree: 1st + 2nd level (MUDr.)					
Prerequisites: VL 026A Internal Medicine (1)					
Conditions for passing the course:					
The criterion for successful completion of the course is 100% active participation in clinical exercises, 80% participation in lectures, successful completion of the test, minimum success rate: 70%.					
written test, minimum success rate: 70%.					
The student load is 23 hours, which includes independent theoretical preparation for internships, improving the practical skills of the patient's physical examination. Preparing for testing.					
Learning outcomes:					
The student will acquire theoretical knowledge and practical skills in the field of endocrinology, gastroenterology on the basis of which he will be able to recognize individual diseases. The student will also learn practical skills and peculiarities in the physical and additional examination of various internistic patients, taking into account the dominant pathology. At the same time, the student will get acquainted with the criteria of diagnostics, will be able to interpret the results of additional examinations for individual diseases, will generate a suitable treatment plan for specific diseases.					
The student will gain basic theoretical knowledge of physiotherapy and medical rehabilitation, their indication for application in various internal medicine, possible side effects.					
Course contents:					
Physiatry and medical rehabilitation 7/14					
Basics of physiatry. balneology and medical rehabilitation, their possibilities, the effect on the human body. Indications and contraindications for the application of physical and balneological methods of treatment. Medical rehabilitation for individual diseases in neurology, orthopedics, surgery, cardiology, etc.					
Endocrinology 14/14					
Basic endocrine diseases, their diagnosis. Metabolic disorders. Eating disorders. Internal environmental disorders.					
Gastroenterology 14/14					
Oesophageal diseases. Stomach diseases. Diseases of the gallbladder and bile ducts. Pancreatitis. Diseases of the small and thoracic intestine.					
Recommended literature:					
<i>Hrušovský Š. a kol.: Internistická propedeutika, Bratislava, Herba, 2013, 800 s.</i>					
<i>Ďuriš I., Hulín I., Bernadič M., eds.: Princípy internej medicíny I-III., Bratislava, SAP, 2001, 2951 s.</i>					
<i>Kišňová S., Hulín I. a kol.: Interná medicína, Bratislava, Prolitera, 2013, 1136 s.</i>					
<i>Bátovský M. a kol. Aktuality v gastroenterológii, Herba, 2018, 97 s.</i>					
<i>Payer, J. a kol.: Vybrané klasifikácie v internej medicíne. Bratislava, Herba 2016, 74 s.</i>					
<i>Souček M., Svačina P. Vnitřní lékařství v kostce . Grada, 2019, 464s.</i>					
<i>Hrušovský, Š.: Praktická hepatológia. 3. vydanie. Bratislava, Herba 2015, 304 s.,</i>					
<i>Hana V. Endokrinologie rpo prax. 2. aktualiyovni vydani. Maxdorf, 2019, 260 s.</i>					
<i>Holeček M. Regulace metabolismu základních živin u člověka. Vyd. Karolinum, 2016, 252 s.</i>					
<i>Švestkova O, Angerová Y, Rehabilitace motoriky člověka. Fyziologie a léčebné postupy. Grada, 2017, 208 s.</i>					
Language requirements: Slovak language					
Notes:					
The course is taught in Slovak and English.					
Course assessment					
Assessed students in total: 0					
A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Prof. MUDr. Marián Bátorvský, CSc..

MUDr. Daniel Malik,

MUDr. Tatiana Novotná

prof. MUDr. Anton Gúth, CSc.,

doc. MUDr. Ján Podoba, CSc.

Date of last change: 31. 1. 2022

Approved by: the person responsible for the implementation, development and quality assurance of the study program, prof. MUDr. Iveta Simkova, CSc.

Higher education institution: Slovak Medical University in Bratislava	
Faculty: Faculty of Medicine	
Course code: VL 026C	Course title: Internal Medicine (3)
Type, scope and method of educational activities: Per semester in hours: 77 Lecture: 35 / week 2.5 hours Exercise: 42 / week 3 hrs. (Student's total workload is 100 hours) Method of educational activity: full-time (external ¹) Form of study: daily attendance	
Number of credits: 4 credits	
Recommended semester / trimester of study: 8th semester	
Degree: 1st + 2nd level (MUDr.)	
Prerequisites: VL 026B Internal Medicine (2)	
Conditions for passing the course: The criterion for successful completion of the course is 100% active participation in clinical exercises, 80% participation in lectures, successful completion of the test, minimum success rate: 70%. The student's workload is 23 hours, includes independent theoretical preparation for internships, training in algorithms for diagnosis and treatment of the most common diseases in internal medicine, examination of thematic patients, followed by analysis of diagnosis and treatment, self-study - preparation for the test.	
Learning outcomes: The student will acquire theoretical knowledge about the most common nephrologic, pneumological diseases on the basis of which he will be able to recognize individual diseases. The student will also learn practical skills in the physical and additional examination of various internistic patients, taking into account the dominant pathology (nephrological, pneumological patient). At the same time, the student will get acquainted with their diagnosis, will be able to interpret the results of additional examinations for individual diseases, generate a suitable treatment plan for specific diseases. In addition, the student will gain theoretical knowledge of the basics of sports medicine, will be able to apply the acquired knowledge in practice.	
Course contents: Nephrology: 14/14. Kidney physiology and pathophysiology. Inflammatory diseases of the kidneys and urinary tract. Tubulointerstitial nephritis. Acute kidney damage. Chronic kidney disease. Diabetic nephropathy. Extracorporeal elimination therapy. Kidney transplantation. Acid-base balance. Disorders of water and electrolyte metabolism. Additional examinations in the diagnosis of nephrological diseases, interpretation of results, treatment planning. Sports medicine: 7/14. The concept of sports medicine and the Sports Act. Sudden death in sports. Doping control in sport. Response and adaptation of organ systems to physical activity, functional diagnostics, anaerobic and aerobic testing. Preventive examination, anthropometric examination, sports traumatology. Pneumology: 14/14. Pulmonary and extrapulmonary tuberculosis. Tumors of the lungs, pleura and mediastinum. Cystic fibrosis, sleep-disordered breathing and rare diseases of the respiratory system. Obstructive and restrictive respiratory diseases.	
Recommended literature: Mandatory: <i>Hrušovský Š. a kol.: Internistická propedeutika, Bratislava, Herba, 2013, 800s.</i> <i>Đuriš I., Hulin I., Bernadič M., eds.: Princípy internej medicíny I-III., Bratislava, SAP, 2001, 2951 s.</i> <i>Kišňová S., Hulin I. a kol.: Interná medicína, Bratislava, Prolitera, 2013, 1136 s.</i> <i>Souček M., Svačina P. Vnitřní lékařství v kostce . Grada, 2019, 464s.</i> <i>Kolek V., Kašák V., Vašková M. a kol.: Pneumologie, 2. vyd., Maxdorf, 2014, 608 s.</i> <i>Češka R. a kol.: Interna. 3.aktualiz. vyd. Praha: Triton, 2020, 1036 s.</i> <i>Šašínska M.A., Furková K. Chronická obličková choroba. Aktuálne problémy. Herba, 2014, 360s.</i> <i>Teplan V. Nefrologické minimum pro klinickou praxi. 3., přepracované a doplněné vydání, Maxdorf, 2020, 320 s.</i> <i>Meško D., Komandel L. a kol.: Telovýchovnovzdelávacie vademecum, 3. vyd. Bratislava, Telovýchovná spoločnosť telovýchovného lekárstva, 2005, 221 s.</i>	
Language requirements: Slovak language	
Notes: The course is taught in Slovak and English.	
Course assessment Assessed students in total: 0	

¹§ 108e par. 2 of Act No. 131/2002 of the Higher Education Act

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:
doc. MUDr. Martin Demeš, PhD., MPH.
doc. MUDr. Andrian Okša, CSc.,
MUDr. Andrea Farkašová,
MUDr. Martin Chrastina, PhD.,
MUDr. Pavol Malovič, PhD, MPH.
MUDr. Ivan Čavarga, PhD,
MUDr. Mária Čierna, CSc.,
MUDr. Zuzana Klimentová,
MUDr. Štefan Laššán, PhD, MPH.

Date of last change: 31. 1. 2022

Approved by: the person responsible for the implementation, development and quality assurance of the study program, prof. MUDr. Iveta Simkova, CSc.

Higher education institution: Slovak Medical University in Bratislava					
Faculty: Faculty of Medicine					
Course code: VL 026D			Course title: Internal Medicine (4)		
Type, scope and method of educational activities: Per semester in hours: 49 Lecture: 21 / week 1.5 hours Exercise: 28 / week 2.5 hours. (Student's total workload is 75 hours) Method of educational activity: full-time (external ¹) Form of study: daily attendance					
Number of credits: 3 credits					
Recommended semester / trimester of study: 9th semester					
Degree: 1st + 2nd level (MUDr.)					
Prerequisites: VL 026C Internal Medicine (3)					
Conditions for passing the course: The criterion for successful completion of the course is 100% active participation in clinical exercises, 80% participation in lectures, written test, minimum success rate: 70%. Course completion: S-Exam - Overall assessment A, B, C, D, E, Fx. Minimum pass mark: E. Oral exam in internal medicine 1,2,3,4 The student's workload is 26 hours, which includes independent theoretical preparation for internships, improving the practical skills of the patient's physical examination. Preparation for the written test and exam.					
Learning outcomes: The student will gain theoretical knowledge about the most common occupational diseases, acute intoxications with alcohol, fungi, drugs, etc., based on which he will be able to recognize individual diseases. The student will also learn practical skills in the physical and additional examination of various internistic patients, taking into account the dominant pathology. At the same time, the student will get acquainted with their diagnosis, will be able to interpret the results of additional examinations for individual diseases, generate a suitable treatment plan for specific diseases. In addition, the student will gain theoretical knowledge about the differential diagnosis of the most common symptoms in the clinic of internal diseases, will be able to apply differential diagnostic algorithms in practice.					
Course contents: Occupational medicine: 7/14. Basics of occupational medicine. Occupational diseases, their diagnosis, treatment, prevention. Health protection at work. Accidents at work and acute poisonings (alcohol, medicines, drugs). Basics of differential diagnosis of the most common symptoms in the clinic of internal diseases (short-term impaired consciousness, palpitations, chest pain, dyspnoea, abdominal pain, jaundice, swelling, etc.), methodology, algorithms of procedure.					
Recommended literature: Mandatory: <i>Hrušovský Š. a kol.: Internistická propedeutika, Bratislava, Herba, 2013, 800 s.</i> <i>Đuriš I., Hulín I., Bernadič M., eds.: Princípy internej medicíny I-III., Bratislava, SAP, 2001, 2951 s.</i> <i>Kišňová S., Hulín I. a kol.: Interná medicína, Bratislava, Prolitera, 2013, 1136 s.</i> <i>Odporúčaná:</i> <i>Olejarová M. Revmatologie v obrazech. Mlada fronta, 2016, 280 s.</i> <i>Pavelka K. a kol. Revmatologie. Maxdorf, 2018, 899 s.</i> <i>Budancová J. a kol.: Pracovné lekárstvo a toxikológia, Martin, Osveta, 2003, 1132 s.</i>					
Language requirements: Slovak language					
Notes: The course is taught in Slovak and English.					
Course evaluation Assessed students in total: 0					
A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%
Lecturers: <i>doc. MUDr. Igor Bátora, PhD.</i> <i>prof. MUDr. Ivan Rybár, CSc</i> <i>MUDr. Elizabet Záňová, PhD.</i> <i>doc. MUDr. Martin Demeš, PhD., MPH</i>					

doc. MUDr. Nad'a Rozumyková, PhD

doc. MUDr. Miroslav Žigrai, PhD.

MUDr. Viera Smetanová, PhD

Date of last change: 31. 1. 2022

Approved by: the person responsible for the implementation, development and quality assurance of the study program, prof. MUDr. Iveta Simkova, CSc.

Higher education institution: Slovak Medical University in Bratislava	
Faculty: Faculty of Medicine	
Course code: VL 026E	Course title: Internal Medicine (5)
Type, scope and method of educational activities: Per semester in hours: 112 Lecture: 56 / week 4 hours Exercise: 56 / week 4 hours (Student's total workload is 125 hours) Method of educational activity: full-time (external ¹) Form of study: daily attendance	
Number of credits: 5 credits	
Recommended semester / trimester of study: 10th semester	
Degree: 1st + 2nd level (MUDr.)	
Prerequisites: VL 026D Internal Medicine (4)	
Conditions for passing the course: The criterion for successful completion of the course is 100% active participation in clinical exercises, 80% participation in lectures, written test, minimum success rate: 70%. The student load is 13 hours. which includes independent theoretical preparation for internships, improving the practical skills of the patient's physical examination. Preparation for the written test.	
Learning outcomes: The student will acquire theoretical knowledge about the most common hematological, cardiological and rheumatological diseases on the basis of which he/she will be able to recognize individual diseases. He/she will gain an overview of rheumatic diseases and differential diagnosis. He/she will get a picture of the problem of patients in the elderly and will be able to recognize the most common symptoms of diseases in geriatric patients. The student will also learn practical skills in physical and additional examination of various internistic patients, taking into account the predominant pathology (hematology, cardiology, geriatric and rheumatology). In addition, the student will gain theoretical knowledge about the basics of geriatrics, the peculiarities of the course of diseases in the elderly, will be able to apply the acquired knowledge in practice.	
Course contents: Rheumatology: 7/7. Basic rheumatological diseases, their diagnosis. Examination of a rheumatological patient. Additional examinations for rheumatic diseases, interpretation of results, treatment planning. Biological treatment. Haematology: 14/7. Basic hematological diseases (leukocyte, platelet disorders, anemia, MPN, lymphoproliferative neoplasias, multiple myeloma, hemostasis disorders and thrombophilic conditions, acute leukemias, myelodysplastic syndrome), their diagnosis. Examination of a hematological patient. Additional examinations in hematological diseases, interpretation of results, treatment planning. Transfusion of blood and blood products. Geriatrics: 14/14. Introduction to geriatrics. Aging and old age. Altered image of diseases in old age, vulnerability. Pharmacotherapy in old age. Immobility, pressure ulcers, stool and urine incontinence. Older nutrition, sarcopenia, osteopenia. Mental disorders in old age. Disorders of electrolyte metabolism in old age. The most common infections in the elderly. Swallowing disorders. Instability and crashes. Fragile patient .. Cardiology: 14/21. Valve errors. Arterial hypertension. Aortic diseases, cardiomyopathy. Inflammatory heart diseases including infectious endocarditis and COVID infection 19. Atherosclerosis, Chronic ischemic heart disease. Acute coronary syndromes. Arrhythmia. SCD and resuscitation. Device therapy. Heart failure. Pulmonary circulation diseases.	
Recommended literature: <i>Hrušovský Š. a kol.: Internistická propedeutika, Bratislava, Herba, 2013, 800s</i> <i>Đuriš I., Hulín I., Bernadič M., eds.: Princípy internej medicíny I-III., Bratislava, SAP, 2001, 2951 s.</i> <i>Kiňová S., Hulín I. a kol.: Interná medicína, Bratislava, Prolitera, 2013, 1136 s.</i> <i>Hegyí Š., Krajčík Š. Geriatria pre praktického lekára, Bratislava, Herba, 2006</i> <i>Hegyí Š., Krajčík Š.: Geriatria, Bratislava, Herba, 2010</i> <i>Fábryová, V., Božek, P., Kollárová, A.: Hemoglobín a jeho choroby. Bratislava, A-medi 2015, 160 s.</i> <i>Fábryová, V. a kol.: Imunohematológia a transfúzna medicína pre prax. Bratislava, Grada 2012, 224 s.</i> <i>Marek J., Vrablík M. Markova farmakoterapie vnútorných nemocí. 5., zcela přepracované a doplněné vydání Grada, 2019, 896s</i> <i>Payer, J. a kol.: Vybrané klasifikácie v internej medicíne. Bratislava, Herba 2016, 74 s.</i> <i>Remková, A., Remko, M.: Antitrombotiká v klinickej praxi. Bratislava, Samedi 2014, 312 s.</i> <i>Sakalová A., Bátorová A., Mistrík M. a kol.: Klinická hematológia, Bratislava, Osveta, 2011, 312 s.</i> <i>Souček M., Svačina P. Vnitřní lékařství v kostce . Grada, 2019, 464s.</i>	

¹§ 108e par. 2 of Act No. 131/2002 of the Higher Education Act

<i>Vojáček J., Kettner J.: Klinická kardiologie, Praha, NUCLEUSHK, 2012, 1134 s.</i>					
Language requirements: Slovak language					
Notes: The course is taught in Slovak and English.					
Course evaluation					
Assessed students in total: 0					
A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%
Lecturers: <i>prof. MUDr. Mikuláš HRUBIŠKO, CSc., doc. MUDr. Ludmila Harvanová, PhD., MUDr. Tatiana Prigancová, PhD., MUDr. Jozef Lukáš, PhD., MUDr. Peter Mikus, PhD., MUDr. Eva Rajnohová, prof. MUDr. Robert HATALA, CSc., prof. MUDr. Iveta ŠIMKOVÁ, CSc., MUDr. Peter Hlivák, PhD., prof. MUDr. Ivan Rybár, CSc. MUDr. Monika Kaldarárová, MUDr. Katarína Bobocká, PhD., MUDr. Adriana Reptová, PhD., MUDr. Tatiana Valkovičová MUDr. Martin Svetlošák</i>					
Date of last change: 31.1.2022					
Approved by: the person responsible for the implementation, development and quality assurance of the study program, prof. MUDr. Iveta Simkova, CSc.					

Higher education institution: Slovak Medical University in Bratislava	
Faculty: Faculty of Medicine	
Course code: GMSSE5	Course title: Internal medicine - state exam
Type, scope and method of educational activities: Form of teaching: defending the state exam Recommended range of teaching: Study method: Daily attendance <i>Student workload: 100 hrs.</i>	
Number of credits: 4 credits	
Recommended semester / trimester of study: 11., 12. semester	
Degree: 1st + 2nd level (MUDr.)	
Prerequisites: Internal Medicine (1,2,3,4,5)	
Conditions for passing the course: 100% participation in pre-state practice during which there is a continuous oral examination, successful writing of a medical record (practical part of the state exam), subsequent state exam before the examination commission (theoretical part of the state exam). Overall rating A, B, C, D, E, Fx. Minimum success rate: E The student's workload is 75 hours.	
Learning outcomes: the student will acquire theoretical knowledge and practical skills to the extent necessary for a graduate of the study field of general medicine, with the help of which he/she will be able to carry out a full initial examination of the patient (take anamnesis, perform a physical examination). In addition, he/she will be able to plan and subsequently interpret the results of laboratory and instrumental examinations for differential diagnosis of the patient's condition, will be able to summarize the information received, critically evaluate it and conclude it as a preliminary diagnosis, based on which he/she will recommend adequate treatment of the patient. The student will also be able to recognize, critically evaluate and subsequently address emergencies and urgent situations in internal medicine.	
Course contents: The pre-graduate internship lasts 10 weeks, during which the student performs full-time practical work at the patient's bedside in various internal medicine departments (in the inpatient department of the 1st Internal Medicine Clinic, Intensive Care Unit, Geriatrics Department, Department of Gastroenterology, Department of Pneumology and Phthisiology, at the Department of Hematology and Transfusiology, at individual departments of the NÚSCH under the guidance of responsible pedagogical staff, specifically participates in visits and clinical seminars at internal medicine departments, consolidates the acquired theoretical knowledge from internal medicine, implements practical skills in patient management, prepares for the final state exam . The state examination consists of a practical part (complete examination of the patient and processing of medical records, which includes anamnesis, objective examination, differential diagnosis, examination design, preliminary diagnosis, treatment proposal, epilation) and a theoretical part, which is performed before the state final examination commission. The student draws three theoretical questions from the designated areas. After answering all the questions and taking into account the result of the practical test, the commission will recommend the overall evaluation to the chairman of the commission.	
Recommended reading: Compulsory: <i>Hrušovský Š. a kol.: Internistická propedeutika, Bratislava, Herba, 2013, 800s.</i> <i>Kišnová S., Hulín I. a kol.: Interná medicína, Bratislava, Prolitera, 2013, 1136 s.</i> <i>Češka R. a kol.: Interna. 3.aktualiz. vyd. Praha: Triton, 2020, 1036 s.</i> Recommended: <i>Bátovský M. a kol. Aktuality v gastroenterológii, Herba, 2018, 97 s.</i> <i>Fábryová, V., Božek, P., Kollárová, A.: Hemoglobín a jeho choroby. Bratislava, A-medi 2015, 160 s.</i> <i>Fábryová, V. a kol.: Imunohematológia a transfúzna medicína pre prax. Bratislava, Grada 2012, 224 s.</i> <i>Gonçalvesová, E.: Zlyhávanie srdca. Bratislava, ProLitera 2016, 616 s.</i> <i>Gúth, A. a kol.: Liečebné metodiky v rehabilitácii. Bratislava, Liečreh 2011, 402 s.</i> <i>Herle P., Čermák J., Dvořáková M. Diferenciální diagnostika v interní medicíně. Raabe 2020, 142 s.</i> <i>Hrušovský, Š.: Praktická hepatológia. 3. vydanie. Bratislava, Herba 2015, 304 s.,</i> <i>Krištúfek, P., Matula B. a kol.: Funkcia dýchania v klinickej praxi. Bratislava, Herba 2015, 192 s.,</i> <i>KRČMÉRY, S., DÚBRAVA, M., KRČMÉRY, V., HROMEK, J., a kol. Antiinfekčná chemoterapia pre prax. Bratislava: Univerzita Komenského, 2011. 460 s.</i> <i>Marek J., Vrablík M. Markova farmakoterapie vnitřních nemocí. 5., zcela přepracované a doplněné vydání Grada, 2019, 896s</i>	

Payer, J. a kol.: Vybrané klasifikácie v internej medicíne. Bratislava, Herba 2016, 74 s.
Payer, J., Killinger, Z. a kol.: Osteoporóza. Bratislava, Herba 2012, 264 s.
Remková, A.: Žilová trombóza a pľúcna embólia. Bratislava, Samedí 2013, 263 s.
Remková, A., Remko, M.: Antitrombotiká v klinickej praxi. Bratislava, Samedí 2014, 312 s.
Sakalová A., Bátorová A., Mistrík M. a kol.: Klinická hematológia, Bratislava, Osveta, 2011, 312 s.
Souček M., Svačina P. Vnitřní lékařství v kostce . Grada, 2019, 464s.
Šašíka M.A., Furková K. Chronická obličková choroba. Aktuálne problémy. Herba, 2014, 360s.
Teplan V. Nefrologické minimum pro klinickou praxi. 3., přepracované a doplnené vydání, Maxdorf, 2020, 320 s.
Urban, Š.: Priedušková astma. Diagnostika a terapia. Bratislava, Herba 2015, 236 s.
Voleková, M.: Domáca parenterálna výživa. Bratislava, Herba 2015, 144 s.
Voleková, M.: Manuál enterálnej výživy. Bratislava, Herba 2012, 164 s.

Language requirements: Slovak language

Notes:

The course is taught in Slovak and English.

Course evaluation

Assessed students in total: 65

A	B	C	D	E	FX
31%	31%	23%	8%	6%	2%

Lecturers:

doc. MUDr. Martin Demeš, PhD., MPH,

doc. MUDr. Naďa Rozumková

prof. MUDr. Marián Bátorovský, CSc., MPH,

prof. MUDr. Mikulaš Hrubíško, CSc.,

prof. MUDr. Robert Hatala, CSc.,

prof. MUDr. Iveta Šimková, CSc.,

prof. MUDr. Peter Krištúfek, CSc.,

doc. MUDr. Miroslav Žigrai, PhD.,

MUDr. Peter Mikus, PhD.

The composition of the examination commission is approved by the SZU Scientific Council on the proposal of the Dean of the SZU Faculty of Medicine for each academic year.

Date of last change: 31. 1. 2022

Approved by: the person responsible for the implementation, development and quality assurance of the study program, prof. MUDr. Iveta Simkova, CSc.