Description of the study programme: INTERNAL DISEASES III. Degree

Name of the higher education institution	The Slovak Medical University in Bratislava
Address of the higher education institution	Limbová 12, 833 03 Bratislava
Identification number of the higher education institution	165361
Name of the faculty	Faculty of Medicine
Address of the faculty	Limbová 14, 833 03 Bratislava

Institution body for approving the study programme	Council for the Internal Quality Assurance System of the Slovak
	Medical University in Bratislava
Date of the study programme approval or the study	12.07.2016
programme modification	
Date of the latest change ¹ in the study programme	
description:	
Reference to the results of the latest periodic review of	
the study programme by the institution:	
Reference to the assessment report of the application	
for accreditation of the study programme under § 30 of	
Act No. 269/2018 Coll. ² :	

	1. BASIC INFORMATION ABOUT THE STU	DY PROGRAMME
a)	Name of the study program and its number	Internal Diseases - 4269 (PhD.)
	according to the register of study programmes.	·
b)	Degree of higher education and ISCED-F	third degree of higher education studies / ISCED-F code of
	education degree code.	education degree: 864
c)	Place(s) of delivery of the study programme.	Bratislava
d)	Name and number of the field of study in which	45 general medicine, ISCED-F code of the study field: 0912 -
	higher education is obtained by completing the	medicine
	study programme, or a combination of two fields of	
	study in which higher education is obtained by	
	completing the study programme, ISCED-F codes	
	of the field/fields ³ .	
e)	Type of the study programme: academically	academically oriented, doctoral study programme
	oriented, professionally oriented; translation,	
	translation combination study programme (listing	
	the specializations); teaching, teaching combination	
	study programme (listing the specializations);	
	artistic, engineering, doctoral, preparation for	
	regulated profession, joint study programme,	
	interdisciplinary studies.	
f)	Awarded academic degree.	doctor "Philosophiae doctor", abbr "PhD."
g)	Form of study ⁴ .	external
h)	In the case of joint study programmes, cooperating	it is not a joint study programme
	institutions and the range of study obligations the	
	student fulfills at each of the given institutions (§	
	54a of the Act on Higher Education Institutions).	
i)	Language or languages in which the study	Slovak language
	programme is delivered ⁵ .	

 $^{^{\}rm 1}$ If the change is not a modification of the study programme according to § 30 of Act no. 269/2018 Coll.

 $^{^2}$ It is stated only if the accreditation of the study programme has been granted according to § 30 of Act no. 269/2018 Coll.

³ According to the International Standard Classification of Education. Fields of Education and Practice 2013.

 $^{^{\}rm 4}$ According to § 60 of Act no. 131/2002 Coll. on Higher Education Institutions.

⁵ It means the languages in which all learning outcomes are achieved and all related courses of the study programme as well as the state examinations are carried out. The institution independently provides information on the possibility of partial study parts/courses in other languages in part 4 of the description.

j)	Standard length of the study expressed in academic	5 academic years
	years.	
k)	Capacity of the study programme (planned	Study programme capacity: 8
	number of students), the actual number of	Planned number of students: 5
	applicants and students.	Actual number of applicants: 6
		Number of students in the first year: 6
		Number of students in the second year: 1
		Number of students in the third year: 4
		Number of students in the fourth year: 0
		Number of students in the fifth year: 3
		Total in all years: 14

2. GRADUATE PROFILE AND LEARNING OBJECTIVES

a) The institution defines the learning objectives of the study programme such as student's abilities at the time of completion of the programme and the main learning outcomes⁶. The graduate applies scientific methods of basic and applied research in the relevant field of general medicine and internal medicine. They have extensive professional knowledge in many areas of their field of study enabling them to carry out research and development in the areas of their professional interest with the objective of contributing to the expansion and creation of new knowledge in the areas of diagnosis, therapy and prevention of diseases. The graduate formulates new hypotheses and strategies for further research and development of the study field of general medicine. They apply their own findings of theoretical analysis and a complex scientific approach to solving scientific problems in various areas of medical knowledge. They implement advanced bioinformatics processes. They analyze and compare their findings with the results achieved by other specialists and based on them, propose, verify and implement new research, work, diagnostic, treatment and preventive procedures that can be used in clinical-diagnostic medical practice.

The graduate is characterized by independent, critical and analytical thinking, which they apply in changing conditions. They use the legal aspects of experimental and clinical research including the introduction of new professional and scientific knowledge applicable in diagnostics and intervention to solve clinical practice problems. In their work, they take into account the ethical and social aspects of scientific work. The graduate independently presents the results of research and development in a publication and lecture form in front of the professional community in the Slovak Republic and abroad. They determine the focus of research and can coordinate a team in the relevant scientific field.

The following outcomes are defined for the internal medicine study programme: the graduate has deep theoretical knowledge based on the current state of scientific knowledge in the field of internal medicine and other related fields, such as cardiology, pneumology and phthisiology, gastroenterology and hepatology, nephrology, endocrinology, hematology and the like, to the extent necessary for the realization of doctoral studies.

-is capable of independent scientific work and brings own solutions to problems in the field of internal diseases, masters research methods in the field of internal diseases, especially with an orientation to clinical and clinical-epidemiological research methods,

masters the principles of scientific work including the ethical side, planning and realization of research, scientific analysis of obtained data, interpretation and presentation of the results at international forums, too.

They have the ability to contribute to scientific and pedagogical work in the field of internal diseases.

The qualification level of doctoral graduates is defined by Act No. 131/2002 Coll. act on higher education and on the amendment and supplementation of certain acts of higher education, Decree of MESR&S of SR No. 244/2019 Coll. about the system of study fields in the Slovak Republic and the characteristics of individual study programmes of the 3rd degree of higher education. It is carried out in accordance with the credit system of the study, the dissertation exam and defense of the final dissertation in front of the commission for state examinations including specialists from relevant workplaces in Slovakia and abroad. Link to Decree of MESR&S of SR: https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2019/244/

⁶ Learning objectives are achieved in the study programme through measurable learning outcomes in individual parts (modules, su bjects) of the study programme corresponding to the relevant level of the Qualifications Framework in the European Higher Education Area.

b) The institution indicates the professions for which the graduate is prepared at the time of completion and the potential of the study programme from the point of view of graduate's employability.

Completion of the study programme enables graduates within the corresponding level of the Slovak Qualifications Framework (level 8) to pursuit the profession specified in the National System of Qualifications: physician.

The graduate of the study programme applies to all universities where this study programme is taught or in medical facilities as well as in various scientific institutions. Following the completion the doctoral studies, the graduate can receive the science-pedagogical title of associate professor or professor or doctor of sciences in the relevant profession.

The graduate of doctoral studies who has obtained the necessary specialization can participate in the education of future specialists and in their preparation for a regulated profession within the framework of an accredited specialization study. Furthermore, graduates apply not only in the Slovak Republic, but also in other European countries and outside the EU.

c) Relevant external stakeholders who have provided the statement or a favorable opinion on the compliance of the acquired qualification with the sector-specific requirements for the profession⁷.

The Ministry of Health of the Slovak Republic is the relevant stakeholder that has provided a statement and an approving opinion on the compliance of the acquired qualification with the sector-specific requirements for the pursuit of the profession. The opinion of the Foreign Ministry makes a separate attachment of the required documents for the harmonization of SP.

EMPLOYABILITY The study programme ensures employment mainly in the health and medical fields as Evaluation of the study well as in non-medical fields. Link of the Ministry of Labour, Social Affairs and programme graduates employability. Family of the Slovak Republic to the graduates' employment overview https://www.uplatnenie.sk If applicable, indicate successful graduates of study programme. **Evaluation** of the study The evaluation of the study programme quality takes place within the framework of programme quality formal working meetings and personal interviews. The Medical Faculty of the SMU in employers (feedback). Bratislava (hereinafter referred to as the faculty) has established mechanisms for determining the satisfaction of employers and graduates with the quality of the study programme. Employers and their representatives participate in the preparation and adjustments of the study programme curriculum within the Programme Board for the study programme of the university. Employers are also represented in the Quality Council of the faculty and the Council for the Internal Quality Assurance System of SMU. The faculty will begin to realize a regular evaluation of the study programme through feedback using the questionnaire method in the academic year 2022/2023.

4. STRUCTURE AND CONTENT OF THE STUDY PROGRAMME⁸

 a) The institution describes the rules for the design of study plans within the study programme. The study programme takes into account the mission and objectives set in the field of science and research in the Long-term intent of SMU and in the field of education. The study programme has been created, or more precisely, innovated in the intentions of development trends of relevantly focused programmes in Europe and in the world taking

In accordance with the Dublin descriptors, and at the same time, in accordance with the National Qualification Framework, graduates of SP obtain the 8th level of qualification (SCQF 8) - https://www.kvalifacie.sk/katalog-skkr.

Long-term intent of the SMU in Bratislava for the Period 2022 -2028: https://eszu.sk/wp-content/uploads/Dokumenty/Dlhodoby_zamer_SZU_2022-2028.pdf

The study plan is designed in accordance with the procedures specified in internal regulation No. 8/2021:

https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-

into account attractiveness for the students of higher education institutions.

⁷ In the case of regulated professions in accordance with the requirements for the acquisition of professional competence pursuant to a special regulation.

⁸ Selected characteristics of the content of the study programme can be stated directly in the Course information sheets or supplemented by the information of the Course information sheets.

	8 2021 ENG.pdf and in accordance with the Internal Quality System of SMU – IR No.
	7/2021
	https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-
	7 2021 ENG.pdf
b) The institution compiles	The recommended study plan (appendix) has been prepared considering students and
the recommended study	employers' comments and approved by the Programme Board of the study programme.
plans for individual study	The recommended study plan is designed in accordance with Act 131/2002 Coll. on higher
paths ⁹ .	education institutions and on amendments to certain laws, and in accordance with the
	Decree of the Ministry of Education, Science, Research and Sports of the Slovak Republic
a) The standar along consultry state	No. 614/2002 Coll. on the study credit system.
c) The study plan generally state individual parts of the	The study programme consists of the compulsory courses, the profile courses are
study programme	classified as the compulsory courses in this study programme. All graduates of the study
(modules, courses,	programme acquire knowledge, skills and attitudes corresponding to the graduate's
and other relevant	profile.
school and	
extracurricular	Educational activities in use are listed in the study plan and in the course information
activities, if they	sheet. The educational activity is carried out externally. Credits are assigned to individual
contribute to the	courses and activities. The persons providing the course are listed in thecourse
achievement of the	information sheets.
required learning	
outcomes and allow to	The learning outcomes and related criteria and rules for their assessments are listed in the
obtain credits) in the structure of	Course Information Sheets so that all educational goals of the study programme are met.
compulsory,	
compulsory optional	
and optional courses,	
- profile courses of the	Profile courses in the recommended study plan are highlighted in bold.
relevant study path	7
(specialization) within	
the study programme,	
- for each learning	All course information sheets include defined learning outcomes and related criteria as
part/course the	well as rules for their assessment so that all established educational objectives of the study
learning outcomes,	programme are met.
related criteria and rules of their	
assessment so that the	
learning objectives of	
the study programme	
are met (they can be	
stated only in the	
Course information	
sheets, in the	
Learning outcomes section and in the	
Course completion	
requirements),	
- prerequisites, co-requisites	
and recommendations for the	
design of the study plan,	
- for each learning part	Educational activities used in the course are part of the information sheets in accordance
of the study	with the Decree of the Ministry of Education of the Slovak Republic No. 614/2002 Coll.
plan/course the	on the study credit system.
applied educational activities (lecture,	Specific educational activities in use are also listed in the information sheets for individual
seminar, exercise,	courses - lecture, seminar, exam being suitable for achieving the learning outcomes of
final work, project	individual courses of the study plan.
work, laboratory	
work, internship,	
excursion, field	
practice, professional	
practice, state exam,	
etc. or their	

⁹ In accordance with Decree no. 614/2002 Coll. on the study credit system and Act no. 131/2002 Coll. on Higher Education Institutions and on Amendments to Certain Acts.

	combinations) suitable	
	for achieving learning	
	outcomes,	
	- methods by which the	Methods of teaching in a specific course are part of the information sheets.
	educational activity is	
	delivered – present,	
	distant, combined (in	
	accordance with the	
	Course information	
	sheets),	
	- outline/syllabus of the course ¹⁰ ,	The course curriculum is given in the course information sheet. The curriculum and course syllabuses are part of the CIS and are also published on the websites of individual workplaces.
	 student workload 	The student's workload (extent of teaching) for individual courses is adjusted in the
	("extent" of	individual study plan being adjusted so that the workload is as balanced as possible during
	individual courses and	the entire course of study in accordance with the Decree of the Ministry of Education of
	educational activities	the Slovak Republic No. 614/2002 Coll. on the study credit system and Act No. 131/2002
	separately) ¹¹ ,	Coll.
	- credits allocated to	ECTS credits expressed in numbers interprete the amount of student work required to
	each part based on the	successfully complete the course based on the learning outcomes achieved and the related
	learning outcomes	workload. In accordance with the ECTS Users ¹² Guide 2015, the student must obtain at
	achieved and the	least 240 credits during the course of study.
	workload involved,	
	- the person responsible	Teachers participating in the teaching of individual courses are listed in the course
	for the course (or a	information sheets with the type of the performed educational activity specification
	partner	included.
	organization/person ¹³)	
	with an indication of	
	the contact details,	
	- course teachers (or	The name list of the persons providing the individual courses of the study programme is
	participating partner	given in the information sheets of the individual courses.
	organizations/persons	
) (may also be	
	mentioned in Course	
	information sheets),	
	- places where the	The study programme takes place at the seat of the faculty and university.
	courses are taught (if	
	the study programme	
	is delivered at several	
11	workplaces).	
d)	The institution states the	The minimum number of credits for the entire course that the student must obtain for a
	number of credits, the	successful completion is 240 credits.
	achievement of which is a	The study is completed successfully by passing the discortation even yourself.
	condition for proper	The study is completed successfully by passing the dissertation exam usually after the second year of study and by defending the dissertation no later than by the fifth year of
	completion of studies and	
	other requirements that	study. The rules for repetition of the study and rules for extension and interruption of the study
	the student must meet	are stated in the Study Regulations of the SMU - section Changes in the study - Art. 26
	within the study	Interruption of studies and Art. 31 Individual study plan. Available at:
	programme and for its	https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-
	proper completion, including the requirements	1 2022 ENG.pdf
	for state examinations,	1_2022_L140.pu1
	rules for re-study and rules	
	for the extension,	
	interruption of study.	
0)		the institution states the requirements for completing the individual nexts of the standard
e)		the institution states the requirements for completing the individual parts of the study
	- number of credits for	s progress within the study programme in the given structure: The structure of credits for the proper completion of studies is as follows:
		- total number of credits: 240, of which:
	compulsory courses required for proper	- number of credits: 240, of which: - number of credits for compulsory courses required for the proper completion of studies:
	completion of	105 credits

¹⁰ We recommend indicating the workload of contact and non-contact teaching in accordance with the ECTS Users' Guide 2015.

¹¹ We recommend indicating the workload of contact and non-contact teaching in accordance with the ECTS Users' Guide 2015.

 $^{^{12}} Odpor\'u\~came~uv\'adza\'t~z\'a\'t\'a\~z~s\'uvisiacu~s~kontaktnou~aj~nekontaktnou~v\'yu\~cbou~v~s\'ulade~s~ECTS~Users'~Guide~2015.$

 $^{^{13}}$ E.g. when providing the professional practice or other educational activities carried out outside the university.

studies/completion of a part of studies,	- number of credits for the final thesis and dissertation defense required for the proper completion of studies: 30
- number of credits for compulsory optional courses required for the proper completion of studies/completion of a part of studies,	Number of credits for compulsory optional courses required for the proper completion: 105
- number of credits for compulsory optional courses required for the proper completion of studies/completion of a part of studies,	Number of credits for optional courses required for the proper completion: 0
- number of credits required for the completion of studies/completion of a part of the studies for the common foundations and for the relevant specialization, in the case of a teaching combination study programme or a translation combination study programme,	This is not a study programme of a teacher combined study programme or translation combined study programme
- number of credits for the final thesis and the defense of the final thesis required for the proper completion of studies,	Number of credits for the final thesis and dissertation defence required for the proper graduation: 30
 number of credits for professional practice required for the proper completion of studies/completion of a part of studies, 	
- number of credits required for the proper completion of studies/completion of a part of the studies for project work with the indication of relevant courses in engineering study programmes,	The number of credits required for a regular completion of study is 240
f) The institution describes the rules for verification of learning outcomes, students assessment and the possibilities of appealing against the assessment.	Individual methods of assessing study results are designed to clearly determine and verify the required conditions for passing the course. The student is familiar with the dates and deadlines in time. The details are regulated by the study regulations of the SMU https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-12022_ENG.pdf and Principles and Organization of Doctoral Studies at the Faculty of Medicine of the SMU in Bratislava. https://eszu.sk/wp-content/uploads/Zasady-a-organizacia-doktorandskeho-studia-LF-SZU.pdf Other opportunities for rectification procedures against assessment can be realized on the basis of Complaints Act 9/2010 Coll. regulating the procedure for filing, handling and checking the handling of complaints by natural persons or legal entities.
g) Conditions for recognition of studies or a part of studies.	The conditions for recognition of the study or part of the study are stated in the Study Regulations of SMU - Art. 13 Admission procedure when a student transfers from another faculty or another university, Art. 14 Academic mobility and Art. 22 Recognition of completed courses. The details are governed by the study regulations of the SMU https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-

h) The institution states the topics of final theses of the study programme (or a link to the list).	created in the way which prompts the student to analyze, apply critical and conceptual
i) The institution describes of	
- rules for the assignment, processing, opposition, defense and evaluation of fina theses in the study programme,	The topics of final theses are published on the website of the faculty and within MAIS annually. The approval of dissertation supervisors is based on the conditions specified in the internal regulation No. 5/2019. The aim of the dissertation is to verify the mastery of scientific methods and level of knowledge and skills that the student has acquired during their studies. The student elaborates the final thesis in accordance with the Methodological Guidelines of MESR&S SR No. 56/2011 on the requirements of final theses, their bibliographic registration, storage and access. According to the established criteria, the supervisor and opponent declare the final opinion on the dissertation in the comment of evaluation. The issue of dissertations is dealt with by SMU Study Regulations - Art. 24 Final thesis and defense of the final thesis https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-12022 ENG.pdf Directive No. 5/2019 of the rector of the Slovak Medical University in Bratislava on the details of final and qualifying theses, their bibliographic registration, originality check, storage and access https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-5-2019-o-nalezitostiach-zaverecnych-prac.pdf
- opportunities and procedures for participation in student mobility,	Opportunities and procedures for the student participation in mobilities are regulated by Directive No. 4/2016 of the rector of the Slovak Medical University in Bratislava on the
- rules for adherence to academic ethics and rules for drawing consequences,	the SMU Code of Ethics, SMU Disciplinary Rules and Study Rules - Art. 35 Offenses by

procedures applicable In the case of students with special needs, the teachers of FM SMU choose adequate forms and methods of teaching and assessment of study results and proceed in accordance with students special needs, the rector's Directive No. 6/2021 of the Slovak Medical University in Bratislava to ensure a generally accessible academic environment for students with special needs at the Slovak Medical University in Bratislava https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-6-2021-kzabezpeceniu-vseobecne-pristupneho-prostredia.pdf as well as according to the recommendations of the faculty coordinator for working with students with special needs. Students are informed about this opportunity during the introduction to the study and also in the individual course information sheets. Decree No. 458/2012 Coll. on the minimum requirements of a student with special needs: https://www.slov-lex.sk/pravnepredpisy/SK/ZZ/2012/458/ Coordinator for students with special needs: Assoc.Prof. MUDr. Terézia Krčméryová, PhD. terezia.krcmeryova@szu.sk procedures for filing Procedures for filing of complaints and appeals by the student are regulated by the Study complaints Regulations - Art. 40 sec. 1 letter m) and sec. 4 and 5. Study Regulations SMU: appeals by students. https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-1 2022 ENG.pdf Directive SMU on accepting and handling complaints about anti-social activity:

5. COURSE INFORMATION SHEETS OF THE STUDY PROGRAMME

Course Information Sheets (CIS) of the study programme are designed in accordance with MESR Decree No. 614/2002 Coll.

protispolocenskej-cinnosti.pdf

https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-6-2015-o-

6. CURRENT ACADEMIC YEAR PLAN AND CURRANT SCHEDULE (OR HYPERLINK)			
a) Academic year plan	The current plan of the academic year is available in MAIS.		
b) Specific plan of the academic year for the study	The internal medicine study programme does not have a specific plan for the academic year		
programme	https://eszu.sk/wp-content/uploads/Zasady-a-organizacia-doktorandskeho-studia- LF-SZU.pdf		
c) Current schedule	The schedule of the current academic year is available on the website of the faculty. https://eszu.sk/wp-content/uploads/Zasady-a-organizacia-doktorandskeho-studia-LF-SZU.pdf		

7. PERSONS RESPONSIBLE FOR THE STUDY PROGRAMME Prof. MUDr. Robert Hatala, CSc. the person responsible for the delivery, development A person responsible for the delivery, and quality assurance of the study programme is a university teacher in the position of a development, and professor, a professor in the field of internal medicine. He is actively involved in the quality of the study study programme, provides lectures in the profile courses. His creative activity is in programme (indicating quality and quantity in accordance with the learning outcomes of the study programme. the position and contact Head of cardiology clinic NUSCH a.s. and SMU mailto:robert.hatala@nusch.sk details). Assoc. Prof. MUDr. Norbert Lukán, PhD., a university teacher in the position of an associate professor working at SMU in Bratislava for fixed weekly working hours, Assoc.Prof. MUDr. Miroslav Žigrai, PhD., a university teacher in the position of an associate professor working at SMU in Bratislava for fixed weekly working hours. List of persons List of persons providing profile courses of the study programme with the link to the responsible for the central register of university employees. Internal diseases 1,2 profile courses of the study programme with the assignment to the Prof. MUDr. Robert Hatala, CSc. https://www.portalvs.sk/regzam/detail/16943 Prof. MUDr. Bátovský, CSc. Internal Medicine; course and provided with a link to the https://www.portalvs.sk/regzam/detail/16712; central Register of Assoc.Prof. MUDr. Žigrai, PhD. university staff and https://www.portalvs.sk/regzam/detail/16767 with contact details Assoc.Prof. MUDr. Lukán, PhD. https://www.portalvs.sk/regzam/detail/14762 (they may also be listed Assoc.Prof. MUDr. Podoba, Csc.

c)	Reference to the research/art/teacher profiles of persons responsible for the profile courses of the	https://www.portalvs.sk/regzam/detail/16936 Statistics 1,2 RNDr. L. Wsólová, PhD https://www.portalvs.sk/regzam/detail/17007 Methodology of scientific works 1,2 MUDr. Ljuba Bachárová, DrSc, MBA https://www.portalvs.sk/regzam/detail/5528 English language for doctoral students 1,2 PhDr. M. Tóthová - Cellengová https://www.portalvs.sk/regzam/detail/16959 The scientific/artistic-pedagogical characteristics of the persons providing the profile courses of the study programme are available on the page in a separate attachment.
d)	profile courses of the study programme. List of teachers of the study programme with the assignment to the course and provided with a link to the central Register of university staff and with contact details (may be a part of the study plan).	The list of teachers of the study programme with assignment to the course and a link to the central register of university employees is given in the study plan.
e)	List of the supervisors of final theses with the assignment to topics (indicating the contact details).	All teachers participating in teaching within the study programme are involved in the supervision of final theses and have professional qualifications. List of the supervisors of final theses: https://eszu.sk/lf/veda-a-vyskum/habilitacne-a-inauguracne-konania/
f)	Reference to the research/art/teacher profiles of the supervisors of final theses.	The scientific/artistic-pedagogical characteristics of the supervisors of the study programme-related final theses are available on the page in a separate attachment.
g)	Student representatives representing the interests of students of the study programme (name and contact details).	Students' interests are represented by the members of the FM SMU Academic Senate for the student section. Student section AS MUDr. Andrea Patasi — mudr.andreapatasi@gmail.com a member of the Programme Board for the Internal Medicine Study Programme
h)	Study advisor of the study programme (indicating contact details and information on the access to counseling and on the schedule of consultations).	Study advisor of the study programme Prof. MUDr. Marián Vidiščák, CSc. marian.vidiscak@szu.sk - personal meeting by agreement by e-mail;
i)	Other supporting staff of the study programme – assigned study officer, career counselor, administration, accommodation department, etc. (with contact details).	Support staff for students of the internal medicine study programme: department for doctoral studies; Veronika Ostrožlíková, veronika.ostrozlikova@szu.sk, phone 421 2 59 370 590 advisory center for students - advisors providing counseling services according to the student's problem area - https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne- predpisy/VP-c-4-2022-Statut-Poradenskeho-centra-pre-studentov-SZU.pdf director of the pedagogical department - Mgr. Kristína Cseriová, kristína.cseriova@szu.skubytovanie - Alžbeta Petrželová, https://eszu.sk/ubytovanie/_,

8. SPATIAL, MATERIAL AND TECHNICAL PROVISION OF THE STUDY PROGRAMME AND SUPPORT

List and characteristics of the study programme classrooms and their technical equipment with the assignment to learning outcomes and courses (laboratories, design and art studios, studios, workshops, interpreting booths, clinics, priest seminaries, science and technology parks, technology incubators, school enterprises, practice centers, training schools, classroom-training facilities, sports halls, swimming pools, sports grounds).

SPECIALIST CLASSROOMS – at the seat of FM SMU, Limbová 12, 14, BA

- •1 computer technology classroom for 15 students
- •1 language lecture hall
- •12 lecture halls, all equipped with PCs (laptops) and a data projector
- •1 amphitheater-type lecture hall with a total capacity for 160 students
- \bullet 1 laboratory Pathological anatomy, equipment: 24 microscopes, laptop and data projector
- •1 laboratory Histology and embryology, equipment: 24 microscopes notebook and data projector
- •1 laboratory Microbiology equipment: notebook and data projector
- •1 laboratory Microbiology 12 microscopes
- •2 laboratories Physiology equipment: notebook and data projector
- •1 laboratory Medical chemistry, biochemistry equipment: notebook and data projector
- •1 laboratory Medical Biology
- 1 simulation room equipped with a virtual anatomical (dissection table) table
- Clinical teaching workplace of dentistry FM SMU
- Dental laboratory of the Clinic of Dentistry FM SMU
- Phantom room for teaching preclinical courses of Dentistry FM SMU
- Dissecting room standard equipment
- · Anatomical museum

Models for teaching the basics of first aid and emergency medicine common to SMU:

- CPR resuscitation Anna with the option of electronic control with computer assessment of the progress of cardiopulmonary resuscitation in printed form,
- CPR resuscitation Anna torso signalling unit
- infant dummy for cardiopulmonary resuscitation with an electronic assessment device to check the correctness of the performed resuscitation loaned
- infant dummy for cardiopulmonary resuscitation CPR Baby Anne
- torso of an adult person for practicing the release of a foreign body from the airways Heimlich maneuver
- •Adolescent trunk model imitating suffocation for practicing the release of a foreign body from the airways Heimlich maneuver
- full-body dummy with traumatic injuries
- stimulation set Bleeding wounds: (with pump and reservoir)
- training automatic external defibrillator with the possibility of simulating heart rhythms equipped first aid kit for rent
- CPR training dummy for water rescue (adult), 165 cm
- CPR training dummy for water rescue (3-year-old child) Models:
- · anatomical model HK
- anatomical model of head and neck
- 3D model of coloured skulls

THE JOINT IT CLASSROOM has also built a workplace for direct online pedagogical process in cooperation with university workplaces in the USA. CLASSROOMS FOR THEORETICAL TEACHING ARE LOCATED at the seat of the faculty, FM SMU, Limbová 12, 14 BA

• All classrooms for theoretical teaching are equipped with modern didactic technology - laptops , data projectors, white boards, internet connection. The faculty has enough classrooms for the study programme

b) Characteristics of the study programme information management (access to study literature according to Course information sheets, access to information databases and other information sources, information technologies, etc.).

Information provision of the study programme

The faculty uses several information systems in which all the necessary information needed for students' studies is concentrated. It uses the local computer network LAN 100/1000 MB/s, internet connection via SANET II optical network with a speed of 1000 MB/s. Most classrooms as well as the accommodation area are covered by the Wifi signal of the SZUFREEPOINT network available for free to all students and teachers. For the specialized pedagogical process, there are 2 computer classrooms with a capacity of 25 and 20 PCs with a direct access to the internet.

The operation of SMU's information systems is ensured by several dozen servers. These are mainly the systems:

MAIS - a modular academic information system whose goal is to provide comprehensive services for the electronic support of processes taking place at the university as well as the registration and processing of information related to the preparation and realization of the academic year at the university, registration of study courses, study programmes, study plans, schedules, records of students and their studies. RFT – the portal for records and submission of final theses, which ensures originality check of theses and their

storage in accordance with the relevant act.

LIBRARY SYSTEM - ensures the activities of the university library and records of publication activity,

OMO - the system ensures the registration and processing of documents for the needs of inclusion of health workers in the specialized studies, personalization of expertise indexes and recorders, it maintains the database of issued study documents, records of issuance of certificates of equivalence of obtained specializations for physicians.

IS STUDENT - System for processing information of the study department for postgraduate studies. It is used for recording educational activities, inviting, organizing events, recording and issuing documents for postgraduate studies. At the same time, it serves to export payments for the needs of the economic sector. It ensures the export of documents for the operation of SMU information screens.

EMTEST - System for recording and processing data for student cards in the full-time (ISIC card) and external (SMU student cards) form of study.

E-LEARNING - System for distance education

E-TEST - system for electronic testing students

OFFICE365 - student email accounts

The university's external presentation is ensured by the website.

University Library of SMU

The University Library of the Slovak Medical University in Bratislava (hereinafter UL SMU) has been built since the beginning of the education of health workers. UL SMU is a specialized library focused on medicine and related fields. Its users are students, teaching staff, physicians, pharmacists, scientific researchers and other health workers. It is located in the building at Limbova 12 in Bratislava. UL has on-hand warehouses of books and periodical literature. Catalogues (author's and systematic) can be found in the loan department. The library has an electronically processed library collection. 10 PCs with the internet access are available for readers in the study room with a connection to a printer. In addition to the loan service (present and absent), the library provides bibliographic and research services, consultations on library issues, international interlibrary loan service, interlibrary loan service, reprographic services related to library materials and organizes sales exhibitions of foreign medical books in cooperation with foreign publishers and suppliers. Periodicals are kept in the UL for 15 years, current contents and medical newspapers for 3 years and daily newspapers for a year. Collections of Acts and Bulletin of the Ministry of Health of the Slovak Republic are kept permanently.

UL has access to the following databases: ScienceDirect, EbscoMedline, Scopus, BioMedCentral, Czech National Bibliography, FreeMedicalJournals, PQDT Open, PubMed, SpringerLink, Web of Science, Infotrac and freely available databases. As of 12/31/2021, the library fund contains - 35,840 library items and is constantly supplemented with current literature.

c) Characteristics and extent of distance education applied in the study programme with the assignment to courses. Access, manuals of e-learning portals. Procedures for the transition from contact teaching to distance learning.

Due to the study programme nature and its professional orientation, teaching in the study programme is provided face-to-face. The distance form of education was only used during the Covid-19 pandemic to ensure theoretical teaching. The Microsoft TEAM platform was used. Information regarding the transition from dace-to-face to distance education was made available to students and teachers in a timely manner through the website of the SMU seat in the domain of the faculty, through heads of departments and course teachers. Students were also continuously informed through common school email accounts and the Teams platform. Head of department / or authorized persons provided information to ensure connection to TEAM with students even before the start of online teaching. SMU organized a webinar for teachers on the use of the TEAMs platform. At the faculty, a class team was created for individual years of the study programme through which online lectures were organied.

In addition to lectures, teachers provided students with presentations, recommendations for study literature and online consultation hours.

d) Institution partners in providing educational activities for the study programme and the characteristics of their participation.

The partners in providing the study programme are the specialized teaching facilities of SMU in which practical teaching takes place within the clinics of the medical facility: University Hospital Bratislava, (Ružinov Hospital, Academic L. Dérer's Hospital, St. Cyril and Methodius Hospital), with which the Cooperation Agreement has been concluded.

e) Characteristics of the possibilities for social, sports, cultural, spiritual and social activities. The social, cultural and social students' enjoyment is provided by the Health Club, the Medical Association of SMU. Students have the opportunity to enjoy sports offered by the Department of Physical Education Medicine. 3 rest rooms. In the period before the pandemic, the Faculty had organized Health Days. The university organized beanies and

balls in cooperation with Medical Association. Every year, students participate in hiking in the Carpathians and rafting the Little Danube or Dunajec. The Faculty had organized the Health Days in the period before the pandemic. In cooperation with the Association of Medics, the university organizes a beanie and a ball every year. Possibilities and conditions Possibilities and conditions for participating in student mobility are governed by for participation of the study Directive No. 4/2016 of the rector of the Slovak Medical University in Bratislava on the programme students in scope of the SMU and its faculties in the realization of the Erasmus+ programme mobilities and internships https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-4-2016-(indicating contact details), erasmus.pdf application instructions, E+ mobility: RNDr. Zora Krivošíková, PhD. zora.krivosikova@szu.sk rules for recognition of this Directive No. 4/2016 of the rector of the Slovak Medical University in Bratislava on the education. scope of SMU and its faculties in realizing the Erasmus+ programme https://eszu.sk/domov/erasmus-szu/, https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-4-2016erasmus.pdf

	9. REQUIRED	ABILITIES AND	ADMISSION REQUIR	EMENTS F	OR THE	STUDY 1	PROGE	RAMMI	£
a)	Required abilities and necessary admission requirements.	The basic requirement for admission to study in the study programme Internal diseases 3rd degree is the higher education obtained in the study field of general medicine (combined 1st and 2nd degree in the full-time form), a duly completed and signed application with the required attachments including a paid fee for the admission procedure. Another condition for admission to study is a successful completion of the entrance exam. The conditions for inclusion in the admission procedure and the requirements for admission to study are published on the university's website in the domain of the faculty https://eszu.sk/wp-content/uploads/2022-2023-Podmienky_pp-PhD.pdf							
b)	Admission procedures.	The admission procedure is governed by the study regulations of SMU – Art. 8 Requirements for admission to study, Art. 9 Organizational assurance of the admission procedure, Art. 10 Admission procedure, Art. 11 Decision making on the results of the admission procedure, Art. 12 AP documentation and its applicant's inspection, Art. 15 Enrollment for study https://eszu.sk/wp-content/uploads/Zasady-a-organizacia-doktorandskeho-studia-LF-SZU.pdf							
c)	Results of the admission process over the	The results of the admission procedure for the last 5 years are presented in the format: Year - Planned number of students, actual number of applicants, number of accepted applicants, number							
	last period.	of students enrolled in the 1st year Years Form of study Participants Study Participants Study Participants Study Participants Particip							
			2017/2018	external	5	3	3	3	3
			2018/2019	external	5	0	0	0	0
			2019/2020	external	5	4	4	4	4
			2020/2021	external	5	1	1	1	1
			2021/2022	external	5	6	6	6	6
			Total for FM						14

a) Procedures for monitoring and evaluating students' opinions on the study programme quality. Procedures for monitoring and evaluating students' opinions on the study programme are regulated by the Directive on monitoring and ongoing evaluation of study programmes - Art. 5. https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-c-2-2022-o-priebeznom-monitoring of the study programme and Art. 6 Results and report on ongoing monitoring of the study programme. The results of the questionnaires are evaluated by the faculty leadership together with a responsible person who bears the main responsibility for the realization,

		development and quality assurance of the study programme (hereinafter			
		responsible person), from the academic year 2022/2023 and also with the			
		Programme Board for general medicine and the Quality Council of the faculty.			
b)	Results of student feedback and	Students have the opportunity to comment on the quality of the study			
	related measures to improve the	programme once a year. The results of the questionnaires are evaluated by the			
	study programme quality.	faculty leadership together with the guarantor of the study programme in the			
		form of an interview, and in the future they will also be analyzed by the			
		Programme Board for internal diseases. The results of the questionnaire survey			
		are evaluated by the dean's college and are published on the faculty's website.			
		Selected results of the educational process are part of the document of the			
		Annual Report on Faculty Activities			
		https://eszu.sk/wp-content/uploads/Vyrocna_sprava_2021.pdf			
c)	Results of graduate feedback	The faculty has long been trying to get feedback from graduates which			
	and related measures to improve	provides information about the quality of education achieved and the quality of			
	the study programme quality.	educational activity. Feedback is obtained from graduates through an			
		anonymous questionnaire in the form of the Microsoft FORMS application			
		which can be accessed after a successful completion of studies. The return rate			
		of questionnaires has been very low. SMU is establishing Alumni Club in order			
		to reach out to graduates in this way as well. Alumni Club will start active			
		work from the academic year 2022/2023. Statute of Alumni Club			
		SMU_VP_3_2022			
		https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-c-3-			
		2022-Statut-Alumni-klubu-SZU.pdf			

11. REFERENCES TO OTHER RELEVANT INTERNAL REGULATIONS AND INFORMATION CONCERNING THE STUDY OR THE STUDY PROGRAMME STUDENT (e.g. STUDY GUIDE, ACCOMMODATION REGULATIONS, FEE DIRECTIVE, GUIDELINES FOR STUDENT LOANS, etc.).

Every year, the faculty publishes information on study in electronic form through which all information about the study of each study programme is published in a comprehensive manner. Information about the study is available at:

- study programme https://eszu.sk/akreditovane-studijne-programy-vysokoskolske-studium/
- accommodation regulations https://eszu.sk/ubytovanie/;
 https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-2-2015-smernica-prev-poriadok-ubytovacieho-zariadenia.pdf
- directive on fees https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-4-2019-vyska-skolneho-a-poplatkov-spojenych-so-studiom-na-SZU.pdf
- student loans https://eszu.sk/student-szu/; https://eszu.sk/student-szu/">https://eszu.sk/student-szu/; https://eszu.sk/student-szu/student-szu/student-szu/student-szu/student-szu/student-szu/student-szu/student-szu/student-szu/student-sz
- scholarship social https://eszu.sk/student-szu/socialne-stipendia/,
- pregnancy-related, https://eszu.sk/student-szu/, https://www.minedu.sk/tehotenske-stipendium/
- cholarship regulations -<u>https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/Stipendijny_poriadok_SZU.pdf</u>
- catering http://stravovanie.szu.sk/webkredit/
- http://www.szu.sk/index.php?&menu=162&oid=#menutop
- disciplinary regulations -
- https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/Disciplinarny-poriadok-SZU.pdf