

Description of the study programme: SURGERY 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 programme modification:	12.07.2016
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 STUDY PROGRAMME	
a) Name of the study programme and its number according to the register of study programmes.	surgery - 4266 (PhD.)
b) Degree of higher education and ISCED-F education degree code.	third degree of higher education studies / ISCED-F code of education degree: 864
c) Place(s) of delivery of the study programme.	Bratislava
d) Name and number of the field of study in which higher education is obtained by completing the 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 .	45 general medicine, ISCED-F code of the study field: 0912 - medicine
e) Type of the study programme: academically 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.	academically oriented, doctoral study programme
f) Awarded academic degree.	doctor "Philosophiae doctor" abbr "PhD".
g) Form of study ⁴ .	external
h) In the case of joint study programmes, cooperating institutions and the range of study obligations the student fulfills at each of the given institutions (§ 54a of the Act on Higher Education Institutions).	it is not a joint study programme
i) Language or languages in which the study programme is delivered ⁵ .	Slovak language
j) Standard length of the study expressed in academic	5 academic years

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.

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.

years.	
k) Capacity of the study programme (planned number of students), actual number of applicants and number of students.	<p>Study programme capacity: 20 Planned number of students: 15 Actual number of applicants: 11 Number of students in the first year: 11 Number of students in the second year: 13 Number of students in the third year: 17 Number of students in the fourth year: 19 Number of students in the fifth year: 6 Total in all years: 72</p>

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 outcomes ⁶ .	<p>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.</p> <p>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.</p> <p>The following outcomes are defined for the surgery study programme: the graduate has deep theoretical knowledge based on the current state of scientific knowledge in the field of surgery and other related fields, such as cardiac surgery, thoracic surgery, trauma surgery, vascular surgery, etc. to the extent necessary for the realization of doctoral studies,</p> <p>-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,</p> <p>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.</p> <p>They have the ability to contribute to scientific and pedagogical work in the field of internal diseases.</p> <p>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/</p>
b) The institution indicates the	Completion of the study programme enables graduates within the corresponding level

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

<p>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.</p>	<p>of the Slovak Qualifications Framework (level 8) to pursue the profession specified in the National System of Qualifications: physician.</p> <p>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 of the doctoral studies, the graduate can receive the science-pedagogical title of associate professor or professor or doctor of sciences in the relevant profession.</p> <p>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.</p>
<p>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.</p>	<p>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.</p>

3. EMPLOYABILITY	
<p>a) Evaluation of the study programme graduates employability.</p>	<p>The study programme ensures employment mainly in the health and medical fields as well as in non-medical fields. Link of the Ministry of Labour, Social Affairs and Family of the Slovak Republic to the graduates' employment overview - https://www.uplatnenie.sk</p>
<p>b) If applicable, indicate the successful graduates of the study programme.</p>	
<p>c) Evaluation of the study programme quality by employers (feedback).</p>	<p>The evaluation of the study programme quality takes place within the framework of formal working meetings and personal interviews. The Medical Faculty of the SMU in 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.</p> <p>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.</p>

4. STRUCTURE AND CONTENT OF THE STUDY PROGRAMME ⁸	
<p>a) The institution describes the rules for the design of study plans within the study programme.</p>	<p>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.</p> <p>The study programme was formed, or more precisely, innovated in the intentions of development trends of relevantly focused programmes in Europe and in the world taking into account attractiveness for the students of higher education institutions.</p> <p>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.</p> <p>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</p> <p>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-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</p>
<p>b) The institution</p>	<p>The recommended study plan (appendix) has been prepared considering students and employers' comments and approved by the Programme Board of the study programme.</p>

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.

<p>compiles the recommended study plans for individual study paths⁹.</p>	<p>The recommended study plan is designed in accordance with Act 131/2002 Coll. on higher 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 No. 614/2002 Coll. on the study credit system.</p>
<p>c) The study plan generally states:</p>	
<p>- individual parts of the study programme (modules, courses, and other relevant school and extracurricular activities, if they contribute to the achievement of the required learning outcomes and allow to obtain credits) in the structure of compulsory, compulsory optional and optional courses,</p>	<p>The study programme consists of the compulsory courses, the profile courses are classified as the compulsory courses in this study programme. All graduates of the study programme acquire knowledge, skills and attitudes corresponding to the graduate's profile.</p> <p>Educational activities in use are listed in the study plan and in the course information sheet. The educational activity is carried out externally. Credits are assigned to individual courses and activities. The persons providing the course are listed in the course information sheets.</p> <p>The learning outcomes and related criteria and rules for their assessments are listed in the Course Information Sheets so that all educational goals of the study programme are met.</p>
<p>- profile courses of the relevant study path (specialization) within the study programme,</p>	<p>Profile courses in the recommended study plan are highlighted in bold.</p>
<p>- for each learning part/course the learning outcomes, 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),</p>	<p>All course information sheets include defined learning outcomes and related criteria as well as rules for their assessment so that all established educational objectives of the study programme are met.</p>
<p>- prerequisites, co-requisites and recommendations for the design of the study plan,</p>	
<p>- for each learning part of the study plan/course the applied educational</p>	<p>Educational activities used in the course are part of the information sheets in accordance with the Decree of the Ministry of Education of the Slovak Republic No. 614/2002 Coll. on the study credit system.</p> <p>Specific educational activities in use are also listed in the information sheets for individual courses -</p>

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.

<p>activities (lecture, seminar, exercise, final work, project work, laboratory work, internship, excursion, field practice, professional practice, state exam, etc. or their combinations) suitable for achieving learning outcomes,</p>	<p>lecture, seminar, exam being suitable for achieving the learning outcomes of individual courses of the study plan.</p>
<p>- methods by which the educational activity is delivered – present, distant, combined (in accordance with the Course information sheets),</p>	<p>Methods of teaching in a specific course are part of the information sheets.</p>
<p>- outline/syllabus of the course¹⁰,</p>	<p>The course curriculum is given in the course information sheet. The curriculum and course syllabuses are part of CIS and are also published on the websites of individual workplaces.</p>
<p>student workload ("extent" of individual courses and educational activities separately)¹¹,</p>	<p>The student's workload (extent of teaching) for individual courses is adjusted in the individual study plan being adjusted so that the workload is as balanced as possible during the entire course of study in accordance with the Decree of the Ministry of Education of the Slovak Republic No. 614/2002 Coll. on the study credit system and Act No. 131/2002 Coll.</p>
<p>- credits allocated to each part based on the learning outcomes achieved and the workload involved,</p>	<p>ECTS credits expressed in numbers interpret the amount of student work required to successfully complete the course based on the learning outcomes achieved and the related workload. In accordance with the ECTS Users¹²Guide 2015, the student must obtain at least 240 credits during the course of study.</p>
<p>- the person responsible for the course (or a partner organization/person¹³) with an indication of the contact details,</p>	<p>Teachers participating in the teaching of individual courses are listed in the course information sheets along with the type of the performed educational activity specification included.</p>
<p>- course teachers (or participating partner organizations/persons) (may also be mentioned in Course information sheets),</p>	<p>The name list of persons providing the individual courses of the study programme is given in the information sheets of individual courses.</p>
<p>- places where the courses are taught (if the study programme is delivered at several workplaces).</p>	<p>The study programme takes place at the seat of the faculty and university.</p>

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 *Odporúčame uvádzať záťaž súvisiacu s kontaktnou aj nekontaktnou výučbou v súlade s ECTS Users' Guide 2015.*

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

<p>d) The institution states the number of credits, the achievement of which is a condition for proper completion of studies and other requirements that the student must meet within the study programme and for its proper completion, including the requirements for state examinations, rules for re-study and rules for the extension, interruption of study.</p>	<p>The minimum number of credits for the entire course that the student must obtain for a successful completion is 240 credits.</p> <p>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 study.</p> <p>The rules for repetition of the study and rules for extension and interruption of the study are stated in the Study Regulations of the SMU - section Changes in the study - Art. 26 Interruption of studies and Art. 31 Individual study plan. Available at:</p> <p>https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-1_2022_ENG.pdf</p>
<p>e) For individual study plans, the institution states the requirements for completing the individual parts of the study programme and the student's progress within the study programme in the given structure:</p>	
<p>- number of credits for compulsory courses required for proper completion of studies/completion of a part of studies,</p>	<p>The structure of credits for the proper completion of studies is as follows:</p> <ul style="list-style-type: none"> - total number of credits: 240, of which: - number of credits for compulsory courses required for the proper completion of studies: 105 credits - number of credits for final thesis and dissertation defense required for the proper completion of studies: 30
<p>- number of credits for compulsory optional courses required for the proper completion of studies/completion of a part of studies,</p>	<p>Number of credits for compulsory optional courses required for the proper graduation: 130</p>
<p>- number of credits for compulsory optional courses required for the proper completion of studies/completion of a part of studies,</p>	<p>Number of credits for optional courses required for the proper graduation: 0</p>
<p>- 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</p>	<p>This is not a study programme of a teaching combination study programme or translation combination study programme</p>

translation combination 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 completing 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-1_2022_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-1_2022_ENG.pdf Details on the recognition of courses during academic mobility are set out in the internal regulation: Directive No. 4/2016 of the rector of the Slovak Medical University in Bratislava on the scope of

	SMU and its faculties in the realization of the Erasmus+ programme. https://eszu.sk/domov/erasmus-szu/ https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-4-2016-erasmus.pdf
h) The institution states the topics of final theses of the study programme (or a link to the list).	When listing final thesis topics, care is taken to ensure that the title of each thesis topic is created in the way which prompts the student to analyze, apply critical and conceptual thinking and also identify and practically solve problems within the field. The title of the final thesis must be clear about the problem that the student will solve Topics for the academic year 2022/2023 available at: https://eszu.sk/wp-content/uploads/2022-2023-Temy_PhD.pdf
i) The institution describes or refers to:	
- rules for the assignment, processing, opposition, defense and evaluation of final theses in the study programme,	The topics of final theses are published annually on the website of the faculty and within MAIS. The approval of dissertation supervisors is based on the conditions specified in the internal regulation No. 5/2019. Directive No. 5 /2019 of the rector of the Slovak Medical University in Bratislava on the requirements 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 The aim of the dissertation is to verify the mastery of scientific methods and the 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 of 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 the SMU Study Regulations - Art. 24 Final thesis and defense of the final thesis https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-1_2022_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 participation in student mobilities are regulated by Directive No. 4/2016 of the rector of the Slovak Medical University in Bratislava on the scope of SMU and its faculties in realization of the Erasmus+ program. https://eszu.sk/domov/erasmus-szu/ , https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-4-2016-erasmus.pdf Mobility in the study programme: Faculty coordinator for E+: RNDr. Zora Krivošíková, PhD., mailto:zora.krivosikova@szu.sk
- rules for adherence to academic ethics and rules for drawing consequences,	The rules for the adherence to academic ethics and drawing consequences are regulated by the SMU Code of Ethics, SMU Disciplinary Rules and Study Rules - Art. 35 Offenses by students against the discipline and internal regulations of the university. Study regulations_SMU_IR_1_2022 https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/VP-1_2022_ENG.pdf Disciplinary regulations https://eszu.sk/wp-content/uploads/Dokumenty/lf/studium/LF-studijny-program-2022-2023-rocenka.pdf
- procedures applicable to students with special needs,	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 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-k-zabezpeceniu-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/pravne-predpisy/SK/ZZ/2012/458/ Coordinator for students with special needs: Assoc.Prof. MUDr. Terézia Krémeryová, PhD. terezia.kremeryova@szu.sk
- procedures for filing complaints and appeals by students.	Procedures for filing of complaints and appeals by the student are regulated by the Study Regulations - Art. 40 sec. 1 letter m) and sec. 4 and 5. Study Regulations SMU: 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: https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-6-2015-o-protispolocenskej-

	cinnosti.pdf06_Smernica_o_protispolocenskej_cinnosti.pdf
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5. COURSE INFORMATION SHEETS OF THE STUDY PROGRAMME

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

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 programme	The surgery study programme does not have a specific plan for the academic year https://eszu.sk/wp-content/uploads/Zasady-a-organizacia-doktoranskeho-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-doktoranskeho-studia-LF-SZU.pdf

7. PERSONS RESPONSIBLE FOR THE STUDY PROGRAMME

a) A person responsible for the delivery, development, and quality of the study programme (indicating the position and contact details).	<p>Prof. MUDr.. Daniel Pindák, PhD, the person responsible for the delivery, development and quality assurance of the study programme is a university teacher in the position of a professor working at SMU in Bratislava for fixed weekly working hours, a professor in the field of surgery. He is actively involved in the study programme, provides lectures in profile courses. His creative activity is both in quality and quantity in accordance with the educational results of the study programme. The head of the Surgical Oncology Clinic of NOÚ and SMU, daniel.pindak@szu.sk</p> <p>Assoc.Prof. MUDr. Igor Rusnák, CSc, a university teacher in the position of associate professor working at SMU in Bratislava for fixed weekly working hours, head of the Gynecology and Obstetrics Clinic of UNB and SMU Bratislava, igor.rusnak@szu.sk</p> <p>Assoc.Prof. MUDr. Miroslav Janík, PhD., a university teacher in the position of an associate professor working at SMU in Bratislava for fixed weekly working hours. Following the inauguration ceremony becoming a professor in the field of surgery.</p>
b) List of persons responsible for the profile courses 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 (they may also be listed in the study plan).	<p>List of persons providing the profile courses of the study programme with a link to the central register of university employees.</p> <p>Novelties in surgery Prof. MUDr. Daniel Pindák, PhD. https://www.portalvs.sk/regzam/detail/16796?mode=full</p> <p>Dr.h.c. Prof. MUDr. Peter Šimko, CSc. https://www.portalvs.sk/regzam/detail/10852?do=filterForm-submit&name=Peter&surname=%C5%A0imko&sort=surname&employment_state=yes&filter=Vyh%C4%BEada%C5%A5</p> <p>Prof. MUDr. Marian Vidiščák, PhD. https://www.portalvs.sk/regzam/detail/16740 Statistics 1,2</p> <p>RNDr. L. Wsólová, PhD https://www.portalvs.sk/regzam/detail/17007 Methodology of scientific works 1,2</p> <p>MUDr. Ljuba Bachárová, DrSc, MBA https://www.portalvs.sk/regzam/detail/5528</p> <p>English language for doctoral students 1,2</p> <p>PhDr. M. Tóthová - Cellengová https://www.portalvs.sk/regzam/detail/16959</p>
c) Reference to the research/art/teacher profiles of persons responsible for the profile courses of the study programme.	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) List of teachers of the study programme with the assignment to the course and provided with a link to the	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.

<p>central Register of university staff and with contact details (may be a part of the study plan).</p>	
<p>e) List of the supervisors of final theses with the assignment to topics (indicating the contact details).</p>	<p>All teachers participating in teaching within the study programme are involved in the supervision of final theses and have professional qualifications. The list of final thesis supervisors for the academic year 2022/2023 is available at: https://eszu.sk/lf/veda-a-vyskum/habilitacne-a-inauguracne-konania/</p>
<p>f) Reference to the research/art/teacher profiles of persons responsible for the profile courses of the study programme</p>	<p>The scientific/artistic-pedagogical characteristics of the supervisors of the study programme-related final theses are available on the page in a separate attachment.</p>
<p>g) Student representatives who represent the interests of study programme students (name and contact).</p>	<p>Students' interests are represented a member of the Programme Board for the surgery study programme MUDr. Ramadan Aziri, ramadan.aziri@nou.sk</p>
<p>h) Study advisor of the study programme (indicating contact details and information on the access to counseling and on the schedule of consultations).</p>	<p>Study advisor of the study programme Prof. MUDr. Marián Vidiščák, CSc. marian.vidiscak@szu.sk - personal meeting by agreement by e-mail;</p>
<p>i) Other supporting staff of the study programme – assigned study officer, career counselor, administration, accommodation department, etc. (with contact details).</p>	<p>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, kristina.cseriova@szu.sk - Alžbeta Petželová, https://eszu.sk/ubytovanie/</p>

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

<p>a) List and characteristics of study programme classrooms and their technical equipment with assignment to educational outcomes and subject</p>	<p>SPECIALIST CLASSROOMS – at the seat of FM SMU, Limbová 12, 14, BA</p> <ul style="list-style-type: none"> •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 • 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 <p>Models for teaching the basics of first aid and emergency medicine common to SMU:</p> <ul style="list-style-type: none"> • CPR resuscitation Anna with the option of electronic control with computer
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	<p>assessment of the progress of cardiopulmonary resuscitation in printed form,</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • anatomical model HK • anatomical model of head and neck • 3D model of coloured skulls <p>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</p> <ul style="list-style-type: none"> • 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
<p>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.).</p>	<p>Information provision of the study programme</p> <p>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:</p> <p>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.</p> <p>LIBRARY SYSTEM - ensures the activities of the university library and records of publication activity,</p> <p>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.</p> <p>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.</p> <p>EMTEST - System for recording and processing data for student cards in the full-time (ISIC card) and external (SMU student cards) form of study.</p> <p>E-LEARNING - System for distance education</p> <p>E-TEST - system for electronic testing students</p> <p>OFFICE365 – student email accounts</p> <p>The university's external presentation is ensured by the website.</p> <p>University Library of SMU</p> <p>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</p>

	<p>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.</p> <p>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.</p>
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.	<p>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 face-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 organized.</p> <p>In addition to lectures, teachers provided students with presentations, recommendations for study literature and online consultation hours.</p>
d) Institution partners in providing educational activities for the study programme and the characteristics of their participation.	<p>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.</p>
e) Characteristics of the possibilities for social, sports, cultural, spiritual and social activities.	<p>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.</p> <p>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.</p>
f) Possibilities and conditions for participation of the study programme students in mobilities and internships (indicating contact details), application instructions, rules for recognition of this education.	<p>Possibilities and conditions for participating in student mobility are governed by Directive No. 4/2016 of the rector of the Slovak Medical University in Bratislava on the scope of the SMU and its faculties in the realization of the Erasmus+ programme https://eszu.sk/wp-content/uploads/Dokumenty/szu/smernice/Smernica-c-4-2016-erasmus.pdf</p> <p>E+ mobility: RNDr. Zora Krivošíková, PhD. zora.krivosikova@szu.sk</p> <p>Directive No. 4/2016 of the rector of the Slovak Medical University in Bratislava on the 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-4-2016-erasmus.pdf</p>

9. REQUIRED ABILITIES AND ADMISSION REQUIREMENTS FOR THE STUDY PROGRAMME

a) Required abilities and necessary admission requirements	<p>The basic requirement for admission to study in the study programme Surgery 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</p>
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	<p>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</p>																																																	
b) Admission procedures.	<p>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-doktoranskeho-studia-LF-SZU.pdf</p>																																																	
c) Results of the admission process over the last period.	<p>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 of students enrolled in the 1st year</p> <table border="1"> <thead> <tr> <th>Years</th> <th>Form of study</th> <th>Planned number</th> <th>Number of applications</th> <th>Number of participants</th> <th>Admitted total</th> <th>Enrolled</th> </tr> </thead> <tbody> <tr> <td>2017/2018</td> <td>external</td> <td>10</td> <td>6</td> <td>6</td> <td>6</td> <td>3</td> </tr> <tr> <td>2018/2019</td> <td>external</td> <td>20</td> <td>19</td> <td>19</td> <td>19</td> <td>19</td> </tr> <tr> <td>2019/2020</td> <td>external</td> <td>20</td> <td>17</td> <td>17</td> <td>17</td> <td>17</td> </tr> <tr> <td>2020/2021</td> <td>external</td> <td>15</td> <td>13</td> <td>13</td> <td>13</td> <td>13</td> </tr> <tr> <td>2021/2022</td> <td>external</td> <td>15</td> <td>11</td> <td>11</td> <td>11</td> <td>11</td> </tr> <tr> <td>Total for FM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>72</td> </tr> </tbody> </table>	Years	Form of study	Planned number	Number of applications	Number of participants	Admitted total	Enrolled	2017/2018	external	10	6	6	6	3	2018/2019	external	20	19	19	19	19	2019/2020	external	20	17	17	17	17	2020/2021	external	15	13	13	13	13	2021/2022	external	15	11	11	11	11	Total for FM						72
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Total for FM						72																																												

10. FEEDBACK ON THE QUALITY OF PROVIDED EDUCATION

a) Procedures for monitoring and evaluating students' opinions on the study programme quality.	<p>Procedures for monitoring and evaluating students' opinions on the quality of 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-monitorovani-periodickom-hodnoteni.pdf</p> <p>Tools for continuous 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.</p>
b) Results of student feedback and related measures to improve the study programme quality.	<p>Students have the opportunity to comment on the quality of the study programme once a year. The results of the questionnaires are evaluated by the 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 surgery. The results of the questionnaire survey are evaluated by the dean's college and are published on the faculty's website.</p> <p>Selected results of the educational process are part of the document of the Annual Report on Faculty Activities https://eszu.sk/wp-content/uploads/Vyrocná_správa_2021.pdf</p>
c) Results of graduate feedback and related measures to improve the study programme quality.	<p>The faculty has long been trying to get feedback from graduates which provides information about the quality of education achieved and the quality of 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 an Alumni Club in order to reach out to graduates in this way as well. The 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</p>

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-spojnych-so-studiom-na-SZU.pdf>
- student loans - <https://eszu.sk/student-szu/>; <https://www.fnpv.sk/>
- scholarship - social - <https://eszu.sk/student-szu/socialne-stipendia/>,
- pregnancy-related, <https://eszu.sk/student-szu/>, <https://www.minedu.sk/tehotenske-stipendium/>
- cholarship regulations - https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/Stipendijny_poriadok_SZU.pdf
- catering - <http://stravovanie.szu.sk/webkredit/>
<http://www.szu.sk/index.php?&menu=162&oid=#menutop>
- disciplinary order -
- <https://eszu.sk/wp-content/uploads/Dokumenty/szu/vnutorne-predpisy/Disciplinarny-poriadok-SZU.pdf>