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## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                            |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                            |
| <b>Course ID:</b> ULI/<br>BSF-FM/10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course name:</b> Biomedical Statistics in Physiotherapy |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 / 1 <b>Per study period:</b> 14 / 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                            |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                            |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                            |
| <b>Conditions for course completion:</b><br>1. 100% and active attendance.<br>2. Min. 60% from each test during the term.<br>3. Elaboration of all assigned tasks.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                            |
| <b>Learning outcomes:</b><br>The student will acquire basic knowledge of statistical terminology, mainly methods of collecting, sorting and processing statistical data. He will be able to use standard application software and acquire practical skills in data processing. Student will be able to correctly apply selected statistical methods and interpret the results of experimental data processing in physiotherapy.                                                                                                                                                                                                                                                                                                                                                                            |                                                            |
| <b>Brief outline of the course:</b><br>Basic terms, experiment, survey, statistical set, statistical unit. Descriptive statistics, measures of location, variability and shape. Data grouping methods. Theoretical models of probability distribution. Statistical estimation. General theory of statistical hypothesis testing. Outlier tests. Parametric and non-parametric tests. Hypothesis tests about the mean value, hypothesis tests about the variance. Analysis of variance of simple sorting. Regression and correlation analysis. Tightness measures of statistical dependence. Examples of incorrect conclusions when interpreting the results. Solving sample tasks using available software.                                                                                                |                                                            |
| <b>Recommended literature:</b><br>1. Majerník J.: Biostatistics, Multimedia support in the education of clinical and health care disciplines :: Portal of Faculty of Medicine [online], Available from WWW: < <a href="http://portal.lf.upjs.sk/articles.php?aid=45">http://portal.lf.upjs.sk/articles.php?aid=45</a> > . ISSN 1337-7000.<br>2. Cleophas T.J., Zwinderman A.H., Statistics Applied to Clinical Studies, Fifth Edition, Springer, 2012.<br>3. Mattson D.E., Statistics, Difficult concepts, understandable explanations, Bolchay - Carducci Publishers, 1999.<br>4. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994.<br>5. Handbooks for applications and information systems used during practical lessons.<br>6. Notes from practical lessons. |                                                            |

|                                                                   |       |       |       |       |       |       |
|-------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| <b>Course language:</b><br>Slovak                                 |       |       |       |       |       |       |
| <b>Notes:</b>                                                     |       |       |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 92 |       |       |       |       |       |       |
| abs                                                               | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 36.96                                                             | 6.52  | 27.17 | 25.0  | 4.35  | 0.0   | 0.0   |
| <b>Provides:</b> doc. Ing. Jaroslav Majerník, PhD.                |       |       |       |       |       |       |
| <b>Date of last modification:</b> 25.03.2023                      |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN   |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                    |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |
| <b>Course ID:</b> UO/KF-FM/10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course name:</b> Communication in Physiotherapy |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                    |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                    |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                    |
| <b>Conditions for course completion:</b><br>Successful completion of continuous study checks and final exam. Detailed conditions for completing the course are annually updated on the electronic bulletin board AiS2 and on the website of the Institute of Nursing. Link to the Conditions for completing the course on the website of the Institute of Nursing <a href="https://www.upjs.sk/app/uploads/sites/9/2022/11/SJ_Komunik.-vo-fyzio_absolvovanie.pdf">https://www.upjs.sk/app/uploads/sites/9/2022/11/SJ_Komunik.-vo-fyzio_absolvovanie.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |
| <b>Learning outcomes:</b><br>After completing the course, the student will acquire the theoretical foundations of physiotherapeutic professional communication, practical communication skills in the form of model situations with the application of assertiveness and empathy in communication with the patient/client.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |
| <b>Brief outline of the course:</b><br>Linguistic means in communication. Structure of social communication. Types and types of social communication. Non-verbal communication, its importance. Categorization of non-verbal expressions. Proxemics and territoriality. Mimicry. Gestures. Haptics. Posturistics. Kinetics. Image of communicants. Verbal communication. Speech requirements of a health care worker. Functions of speech, verbal expressions. Paralinguistic aspects of speech. Conversation - dialogue in health worker-patient interaction, types of conversation, goals of conversation, structure of conversation, formulation of questions and answers. Active, passive listening. Communication styles of the health worker. Barriers to communication. Empathy, assertiveness. Specifics of health worker's communication with selected groups of patients. Intercultural aspects of communication in medical practice. Communication with seriously ill and dying. |                                                    |
| <b>Recommended literature:</b><br>Basic literature:<br>KRISTOVÁ, J. Komunikácia v ošetrovatel'stve. Osveta, 2020.<br>MOROVICSOVÁ, E. Komunikácia v medicíne. Univerzita Komenského v Bratislave, 2014.<br>SUCHANOVÁ, R., DIMUNOVÁ, L.. Komunikácia v zdravotníckej praxi. UPJŠ v Košiciach, 2020.<br>Further study literature:<br>ROSENBERG, M. B. Nenásilná komunikace. Portál, 2016.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                    |

|                                                                                                                                                                    |       |      |      |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|-----|-----|
| POKORNÁ, A. Komunikace se seniory. Grada, 2012.<br>PLEVOVÁ, I., SLOWÍK, R. Komunikace s dětským pacientem. Grada, 2010.<br>McCleren, K. Umění empatie. Noxi, 2020. |       |      |      |     |     |
| <b>Course language:</b><br>slovak                                                                                                                                  |       |      |      |     |     |
| <b>Notes:</b>                                                                                                                                                      |       |      |      |     |     |
| <b>Course assessment</b><br>Total number of assessed students: 79                                                                                                  |       |      |      |     |     |
| A                                                                                                                                                                  | B     | C    | D    | E   | FX  |
| 63.29                                                                                                                                                              | 21.52 | 7.59 | 7.59 | 0.0 | 0.0 |
| <b>Provides:</b> PhDr. Renáta Suchanová, PhD.                                                                                                                      |       |      |      |     |     |
| <b>Date of last modification:</b> 14.03.2023                                                                                                                       |       |      |      |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                    |       |      |      |     |     |

## COURSE INFORMATION LETTER

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
| <b>Course ID:</b><br>KFBLR/SOP2-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course name:</b> Continual Special Praxis II., 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Practice<br><b>Recommended course-load (hours):</b><br><b>Per week: Per study period:</b> 80s<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                     |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |
| <b>Conditions for course completion:</b><br>I. The following are required for successful completion of continuous professional practice:<br>- 100% participation in the continuous professional practice and methodical mastery of practical tasks.<br>- Any absence from the continuous professional practice must be duly justified to the responsible supervisor, who will determine the appropriate form of compensation.<br>II. The following are required for successful completion of the course and for obtaining credits:<br>- Successful completion of 80 hours of continuous professional practice.<br>- Successful completion of practical skills for individual diagnoses in physical therapy.<br>- Successful completion of practical implementation of individual special methodologies through the application of individual physiotherapy techniques.<br>III. Successful completion of the course requires the following:<br>- Each student has completed all core courses.<br>- There has been completion of a continuous professional practice experience as confirmed by the supervising instructor. |                                                     |
| <b>Learning outcomes:</b><br>After completing a continuous professional practice, the student is able to independently manage the examination and treatment of neurological and traumatological patients.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                     |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Under the guidance of a physiotherapist, practical implementation of individual special methodologies in neurology, traumatology, surgery, paediatrics. Practical application of the McKenzie method in diagnosis and treatment, application of the Bobath method, Vojt method, proprioceptive neuromuscular facilitation. Practical application of Kenny's method, Fränkel's exercises, Dr. Fay's methodology, diagnosis and treatment of scoliosis by methods of Klapa, Shrotova, Bekerova, Klenova-Vogelbachova. Special methodologies in orthopaedics - exercises on unstable platforms, sensorimotor stimulation. Freeman's method. Exercises for painful spinal conditions using the method of relaxation exercises, spinal exercises, Kaltenborn's method. Method of stabilization-SM system. Exercises in open and closed chains. Special methods in gynecology.                                                                                                                                                                          |                                                     |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |       |       |       |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| Moses method and exercises to strengthen the pelvic floor muscles. Respiratory physiotherapy. Vascular gymnastics. Practical application of various diagnostic algorithms of the spine and limb joints in diagnosis and practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |       |
| <b>Recommended literature:</b><br>Gúth A.: Liečebné metodiky pre fyzioterapeutov. Bratislava: Liečreh Gúth 1995. 472 s. ISBN 80-88932-16-5.<br>Pavlu D. Špeciálni fyzioterapeutické koncepty a metody. Brno: Akademické nakladatelství CERMsro., 2003. 239 s. ISBN 80-7204 -312-9.<br>Hagovská, M. Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014. 362 s. ISBN 978-80-8152-117-1.<br>Ďalšia študijná literatúra:<br>Hagovská, M., Petrovičová, J.: Konzervatívne možnosti liečby chronických bolestí chrbtice aplikáciou mechanickej diagnostiky a terapie. Reprocentrum, Expa Print, s.r.o., Košice, 2013. 191 s. ISBN 978-80-971433-8-1.<br>Hagovská, M., Mihalečková, N. Najčastejšie používané liečebné metodiky vo fyzioterapii. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2012. 216s. ISBN 978 - 80 - 7079 - 931 - 0. |       |       |       |       |       |       |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |       |       |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |       |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       |       |
| abs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| <b>Provides:</b> PhDr. Perla Ondová, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       |       |       |       |
| <b>Date of last modification:</b> 07.03.2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Course ID:</b><br>KFBLR/SOP2-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course name:</b> Continual Special Praxis II., 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Practice<br><b>Recommended course-load (hours):</b><br><b>Per week: Per study period:</b> 80s<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                     |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                     |
| <b>Recommended semester/trimester of the course:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |
| <b>Conditions for course completion:</b><br>The following are required for successful completion of continuous professional practice: <ul style="list-style-type: none"> <li>- - 100% participation in the continuous professional practice and methodical mastery of practical tasks.</li> <li>- - Any absence from the continuous professional practice must be duly justified to the responsible supervisor, who will determine the appropriate form of compensation.</li> <li>-</li> <li>- II. The following are required for successful completion of the course and for obtaining credits:               <ul style="list-style-type: none"> <li>- - Successful completion of 80 hours of continuous professional practice.</li> <li>- - Successful completion of practical skills for individual diagnoses in physical therapy.</li> <li>- - Successful completion of practical implementation of individual special methodologies through the application of individual physiotherapy techniques.</li> <li>-</li> </ul> </li> <li>- III. Successful completion of the course requires the following:               <ul style="list-style-type: none"> <li>- - Each student has completed all core courses.</li> <li>- - There has been completion of a continuous professional practice experience as confirmed by the supervising instructor.</li> </ul> </li> </ul> |                                                     |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>After completing the course, the student is able to practically apply individual physiotherapy procedures in surgical and paediatric patients. The student will acquire an extension of knowledge and practical skills in individual diagnoses in physiotherapy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Practical application of McKenzie method in diagnosis and treatment, application of Bobath method, Vojt method, proprioceptive neuromuscular facilitation.<br>Practical application of Kenny's method, Fränkel's exercises, Dr. Fay's methodology, diagnosis and treatment of scoliosis using the methods of Klapa, Shrot, Beker, Klenova-Vogelbach. Special methodologies in orthopaedics - exercises on unstable platforms, sensorimotor stimulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                     |

Freeman's method. Exercises for painful spinal conditions using the method of relaxation exercises, spinal exercises, Kaltenborn's method. Method of stabilization-SM system. Exercises in open and closed chains. Special methods in gynecology. Moses method and exercises to strengthen the pelvic floor muscles.

Respiratory physiotherapy. Vascular gymnastics. Practical application of various diagnostic algorithms of the spine and limb joints in diagnosis and practice.

**Recommended literature:**

Gúth A.: Liečebné metodiky pre fyzioterapeutov. Bratislava: Liečreh Gúth 1995. 472 s. ISBN 80-88932-16-5.

Pavlu D. Špeciálni fyzioterapeutické koncepty a metody. Brno: Akademické nakladatelství CERMsro., 2003. 239 s. ISBN 80-7204 -312-9.

Hagovská, M. Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014. 362 s. ISBN 978-80-8152-117-1.

Ďalšia študijná literatúra:

Hagovská, M., Petrovičová, J.: Konzervatívne možnosti liečby chronických bolestí chrbtice aplikáciou mechanickej diagnostiky a terapie. Reprocentrum, Expa Print, s.r.o., Košice, 2013. 191 s. ISBN 978-80-971433-8-1.

Hagovská, M., Mihalečková, N. Najčastejšie používané liečebné metodiky vo fyzioterapii. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2012. 216s. ISBN 978 - 80 - 7079 - 931 - 0.

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 80

| abs  | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
|------|-------|-------|-------|-------|-------|-------|
| 85.0 | 15.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

**Provides:** PhDr. Perla Ondová, PhD.

**Date of last modification:** 07.03.2023

**Approved:** prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |
| <b>Course ID:</b><br>KFBLR/DMRPA-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course name:</b> Diagnostic Methods in Rehabilitation - Practical Aspects 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                          |                                                                                |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                            |                                                                                |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>To provide students with increased knowledge and understanding of the examination of the spine and superficial and deep muscles. Upon completion of the course, students will be able to utilize the theoretical concepts they have learned, differentiating between the underlying theories and concepts they use. Students will be able to evaluate and use the acquired knowledge in further study and will also be able to apply the acquired theoretical knowledge in practice.                                                                              |                                                                                |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Functional diagnostics of diseases of the musculoskeletal system. The basics of examination of the cervical and thoracic spine. Fundamentals of examination of the temporomandibular joint. CCS, CBS. Disc herniation. Radicular and pseudoradicular syndrome. LIS. Basics of examination of the cervical spine. Use of standardized questionnaires. Basics of pelvic examination. Examination of the deep muscles according to Kolář. Vertebro-visceral relations. Examination of hypermobility Examination of stereotypes. Cross syndromes. |                                                                                |
| <b>Recommended literature:</b><br>GROSS, J. M. FETTO, J. ROSEN, E. Vyšetření pohybového aparátu. 2005. 2. vyd. Praha: Triton, 2005. ISBN 80-7254-720-8.<br>TAKÁČ, P. Klinická propedeutika v rehabilitácii pre poslucháčov lekárskej fakulty. Košice, UPJŠ, 2006, 230 s, ISBN 80-7097-634-9.<br>HAGOVSKA, M. Aplikovaná kineziológia a fyzioterapia drierkovej chrbtice                                                                                                                                                                                                                                              |                                                                                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |       |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| <p>In: Aplikovaná kineziológia chrbtice. - Košice : Univerzita P.J. Šafárika v Košiciach, 2017. - ISBN 9788081524684. - S. 83 - 123</p> <p>HAGOVSKÁ, M. Aplikovaná kineziológia a fyzioterapia panvy</p> <p>In: Aplikovaná kineziológia chrbtice. - Košice : Univerzita P.J. Šafárika v Košiciach, 2017. - ISBN 9788081524684. - S. 125 - 150.</p> <p>TAKÁČ, P., KUBINCOVÁ, A. Aplikovaná kineziológia a fyzioterapia porúch krčnej chrbtice In: Aplikovaná kineziológia chrbtice. - Košice : Univerzita P.J. Šafárika v Košiciach, 2017. - ISBN 9788081524684. - S. 7 - 50.</p> |       |       |       |       |       |       |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |       |       |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |       |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |       |
| abs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 44.66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17.48 | 16.5  | 7.77  | 10.68 | 2.91  | 0.0   |
| <b>Provides:</b> prof. et doc. PhDr. Magdaléna Hagovská, PhD., MPH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |       |
| <b>Date of last modification:</b> 07.03.2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                |
| <b>Course ID:</b><br>KFBLR/DMRPA-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course name:</b> Diagnostic Methods in Rehabilitation - Practical Aspects 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 3 / 2 <b>Per study period:</b> 28 / 42 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                               |                                                                                |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                |
| <b>Recommended semester/trimester of the course:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |
| <b>Prerequisites:</b> KFBLR/DMRPA-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation. |                                                                                |
| <b>Learning outcomes:</b><br>After completing the course, the student is able to develop a rehabilitation plan for patients with peripheral joint disease based on differential diagnosis and then implement it in clinical practice.                                                                                                                                                                                                                                                                                                                                                     |                                                                                |
| <b>Brief outline of the course:</b><br>Basics of examining the shoulder joint. Basics of examining the elbow joint. Basics of examining the wrist joint. Basics of hip joint examination. Basics of examination of the knee joint. Basics of examination of the ankle joint and foot. Basics of gait examination. Basics of body composition examination. ADL assessment. The practical importance of imaging examination methods in rehabilitation. Fine motor skills. Balance examination. Examination of speech and consciousness                                                      |                                                                                |
| <b>Recommended literature:</b><br>HAGOVSÁ, M. a kol. Praktická kinezioterapia - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2016. - 492 s. - ISBN 978-80-8152-391-5 (brož.).<br>GROSS, J. M. FETTO, J. ROSEN, E. Vyšetření pohybového aparátu. 2005. 2. vyd. Praha: Triton, 2005. ISBN 80-7254-720-8.2005<br>TAKÁČ, P. Klinická propedeutika v rehabilitácii pre poslucháčov lekárskej fakulty. Košice, UPJŠ, 2006, 230 s, ISBN 80-7097-634-9.2006                                                                                                                   |                                                                                |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                |

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| <b>Course assessment</b>                                                                                  |       |       |       |      |     |
| Total number of assessed students: 298                                                                    |       |       |       |      |     |
| A                                                                                                         | B     | C     | D     | E    | FX  |
| 37.58                                                                                                     | 29.53 | 14.43 | 11.74 | 6.71 | 0.0 |
| <b>Provides:</b> prof. et doc. PhDr. Magdaléna Hagovská, PhD., MPH, PhDr. Miriam Ištoňová, PhD., MHA, MPH |       |       |       |      |     |
| <b>Date of last modification:</b> 07.03.2023                                                              |       |       |       |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                           |       |       |       |      |     |

## COURSE INFORMATION LETTER

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                              |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                              |
| <b>Course ID:</b><br>KFBLR/DMR2-SS-FM/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course name:</b> Diagnostic Methods in Rehabilitation II. |
| <b>Course type, scope and the method:</b><br><b>Course type:</b><br><b>Recommended course-load (hours):</b><br><b>Per week: Per study period:</b><br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                              |
| <b>Recommended semester/trimester of the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                              |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                              |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                              |
| <b>Conditions for course completion:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                              |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                              |
| <b>Brief outline of the course:</b><br>Course contents:<br>Basics of examining the shoulder joint. Basics of examining the elbow joint. Basics of examining the wrist joint. Basics of hip joint examination. Basics of examination of the knee joint. Basics of examination of the ankle joint and foot. Basics of gait examination. Basics of body composition examination. ADL assessment. The practical importance of imaging examination methods in rehabilitation. Fine motor skills. Balance examination. Examination of speech and consciousness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                              |
| <b>Recommended literature:</b><br>GROSS, J. M. FETTO, J. ROSEN, E. Vyšetření pohybového aparátu. 2005. 2. vyd. Praha: Triton, 2005. ISBN 80-7254-720-8.2005<br>TAKÁČ, P. Klinická propedeutika v rehabilitácii pre poslucháčov lekárskej fakulty. Košice, UPJŠ, 2006, 230 s, ISBN 80-7097-634-9.2006<br>HAGOVSKEÁ, M. Aplikovaná kineziológia a fyzioterapia driekovej chrbtice<br>In: Aplikovaná kineziológia chrbtice. - Košice : Univerzita P.J. Šafárika v Košiciach, 2017. - ISBN 9788081524684.<br>HAGOVSKEÁ, M. Aplikovaná kineziológia a fyzioterapia panvy<br>In: Aplikovaná kineziológia chrbtice. - Košice : Univerzita P.J. Šafárika v Košiciach, 2017. - ISBN 9788081524684.<br>TAKÁČ, P., KUBINCOVÁ, A. Aplikovaná kineziológia a fyzioterapia porúch krčnej chrbtice In: Aplikovaná kineziológia chrbtice. - Košice : Univerzita P.J. Šafárika v Košiciach, 2017. - ISBN 9788081524684.<br>Ďalšia študijná literatúra:<br>HAGOVSKEÁ, M. a kol. Praktická kinezioterapia - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2016. - 492 s. - ISBN 978-80-8152-391-5 (brož.). |                                                              |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                              |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                              |

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| <b>Course assessment</b>                                        |      |       |      |      |     |
| Total number of assessed students: 90                           |      |       |      |      |     |
| A                                                               | B    | C     | D    | E    | FX  |
| 61.11                                                           | 20.0 | 12.22 | 5.56 | 1.11 | 0.0 |
| <b>Provides:</b>                                                |      |       |      |      |     |
| <b>Date of last modification:</b> 07.03.2023                    |      |       |      |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |      |       |      |      |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |
| <b>Course ID:</b><br>KFBLR/DPO-SS-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course name:</b> Diploma Thesis Defense |
| <b>Course type, scope and the method:</b><br><b>Course type:</b><br><b>Recommended course-load (hours):</b><br><b>Per week: Per study period:</b><br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            |
| <b>Number of ECTS credits:</b> 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |
| <b>Recommended semester/trimester of the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |
| <b>Conditions for course completion:</b><br>The diploma thesis is the result of the student's own creative work. It must not exhibit elements of academic fraud and must meet the criteria of good research practice defined in Rector's Decision No. 21/2021, which sets out the rules for assessing plagiarism at the Pavol Jozef Šafárik University in Košice and its units. The fulfilment of the criteria is verified mainly in the process of training and in the process of thesis defence. Failure to comply with them is grounds for initiating disciplinary proceedings.                                                                                                          |                                            |
| <b>Learning outcomes:</b><br>The student will demonstrate mastery of extended theory and professional terminology through the diploma thesis.<br>of the field of study, acquisition of knowledge, skills and competences in accordance with with the declared profile of the graduate of the study programme, as well as the ability to apply them in an original way in solving a selected problem of the field of study. The student will demonstrate the ability to work independently in terms of content, form and ethics. Further<br>The details of the thesis are specified in Directive No. 1 /2011 on the basic requirements 16 of the Study Regulations of the UPJŠ LF in Košice. |                                            |
| <b>Brief outline of the course:</b><br>Choice of the problem, objectives of the work, choice of methodology and methods of processing the work. Analysis of the collected data and synthesis of the results and outcomes for practice and education in physiotherapy.                                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                            |

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| <b>Course assessment</b>                                        |       |      |      |     |     |
| Total number of assessed students: 90                           |       |      |      |     |     |
| A                                                               | B     | C    | D    | E   | FX  |
| 75.56                                                           | 17.78 | 4.44 | 2.22 | 0.0 | 0.0 |
| <b>Provides:</b>                                                |       |      |      |     |     |
| <b>Date of last modification:</b> 07.03.2023                    |       |      |      |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |       |      |      |     |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |
| <b>Course ID:</b><br>UPZMV/EMZ-<br>FM/20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course name:</b> Economics and management in health care |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                             |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                             |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |
| <b>Conditions for course completion:</b><br>active participation, completed assignments, final exam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |
| <b>Learning outcomes:</b><br>By completing the subject, students will acquire basic knowledge in the field of economics in the health care. Get acquainted with the principles of economics in the health sector, as well as the principles of providing health care in the context of a market economy. Students will also become familiar with legal and ethical aspects, organisation and financing of health care. At the same time, students will acquire basic knowledge in the field of management in health care and become familiar with basic management tools and techniques. Last but not least, students will acquire basic knowledge of business management. |                                                             |
| <b>Brief outline of the course:</b><br>Introduction to economics in healthcare. Providing health care in the context of a market economy. Health policy. Legal and ethical aspects of health care provision. Organization, management and financing of health care. Basic health care systems. Health care system in SR. Introduction to management in healthcare. Quantitative methods and techniques in healthcare. Introduction to business management.                                                                                                                                                                                                                 |                                                             |
| <b>Recommended literature:</b><br>OZOROVSKÝ, VOJTEKOVÁ a kol.: Zdravotnícky manažment a financovanie. Bratislava: Wolters Kluwer 2016. 342 s. ISBN 978-80-8168-522-4<br>WALSHE, K – SMITH, J.: Healthcare Management. Second edition. Glasgow : Open University press 2011. 592 s. ISBN-10 0335243819<br>MORRIS, S. et al.: Economic Analysis in Health Care. Second edition. Great Britain : John Wiley & Sons, 2012. ISBN-10 1119951496<br>MAJDÚCHOVÁ, H. a kol.: Podnikové hospodárstvo. Bratislava: Wolters Kluwer 2020. 424. ISBN 978-80-571-0271-7                                                                                                                   |                                                             |
| <b>Course language:</b><br>Slovak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                             |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                             |

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| hybrid block teaching                                                                       |       |     |      |      |     |
| <b>Course assessment</b>                                                                    |       |     |      |      |     |
| Total number of assessed students: 23                                                       |       |     |      |      |     |
| A                                                                                           | B     | C   | D    | E    | FX  |
| 65.22                                                                                       | 17.39 | 8.7 | 4.35 | 4.35 | 0.0 |
| <b>Provides:</b> Ing. Lucia Bosáková, PhD., univerzitný docent, Mgr. Jana Marošníková, PhD. |       |     |      |      |     |
| <b>Date of last modification:</b> 17.03.2023                                                |       |     |      |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                             |       |     |      |      |     |

## COURSE INFORMATION LETTER

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------|-----|-----|-----|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                     |     |                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Course ID:</b> Dek. LF UPJŠ/LFAJFYZ/22                                                                                                                                                                                 |     | <b>Course name:</b> English for Physiotherapists |     |     |     |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14<br><b>Course method:</b> present |     |                                                  |     |     |     |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                          |     |                                                  |     |     |     |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                   |     |                                                  |     |     |     |
| <b>Course level:</b> II.                                                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                     |     |                                                  |     |     |     |
| <b>Conditions for course completion:</b>                                                                                                                                                                                  |     |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                 |     |                                                  |     |     |     |
| <b>Brief outline of the course:</b>                                                                                                                                                                                       |     |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                            |     |                                                  |     |     |     |
| <b>Course language:</b>                                                                                                                                                                                                   |     |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                             |     |                                                  |     |     |     |
| <b>Course assessment</b><br>Total number of assessed students: 0                                                                                                                                                          |     |                                                  |     |     |     |
| A                                                                                                                                                                                                                         | B   | C                                                | D   | E   | FX  |
| 0.0                                                                                                                                                                                                                       | 0.0 | 0.0                                              | 0.0 | 0.0 | 0.0 |
| <b>Provides:</b> Mgr. Zuzana Kolaříková, PhD.                                                                                                                                                                             |     |                                                  |     |     |     |
| <b>Date of last modification:</b> 08.09.2023                                                                                                                                                                              |     |                                                  |     |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                                                                           |     |                                                  |     |     |     |

## COURSE INFORMATION LETTER

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |
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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |
| <b>Course ID:</b> 1.<br>KAIM/ZA-FM/10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course name:</b> Fundamentals of Algesiology |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 / 1 <b>Per study period:</b> 14 / 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |
| <b>Conditions for course completion:</b><br>1. 100% participation in practical exercises<br>2. Work on the assigned topic<br>3. Final test with a pass rate of at least 60%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
| <b>Learning outcomes:</b><br>Gain knowledge and skills in pain management.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 |
| <b>Brief outline of the course:</b><br>An introduction to algesiology. Pain, nature, psychological aspects and classification. Pathophysiology of pain. Pharmacology of pain and its modulation. Methods of pain assessment in man, diagnosis<br>Taxonomy of pain syndromes. Specialized health care consisting of comprehensive diagnosis, prevention and rational treatment of those pain syndromes that do not respond to established therapeutic procedures, persist despite elimination of the cause or are the consequence of currently incurable diseases. The management of acute, chronic and cancer pain as distinct clinical entities with different pathophysiological mechanisms, which condition different treatment starting points and differentiated therapeutic approaches. The role of the physiotherapist in the treatment of pain. |                                                 |
| <b>Recommended literature:</b><br>MARTULIAK, Igor: Farmakoterapia bolesti pre lekárov a farmaceutov, Banská Bystrica 2019, ISBN 978-80-971753-1-3<br>MARTULIAK, Igor: Patofyziológia bolesti pre klinickú prax (2. vydanie), Banská Bystrica 2020, ISBN 978-80-971753-2-0<br>MÁLEK, Jiří, Ševčík Pavel a kolektív: Léčba pooperační bolesti, 2014, ISBN 978-80-204-3522-4<br>HAKL, Marek a kolektív: Současné přístupy k léčbě bolesti a bolestivých syndromu, 2019, ISBN 978-80-204-5272-6<br>KULICHOVA, M.: Algeziológia, Žilinská univerzita, 2005 ISBN 80-8070-445-7<br>KOZÁK, Jiří, Lejško Jan, Vrba Ivan a kol.: Opioidy, 2018, ISBN 978-80-204-4550-6<br>HOUDEK, Michael a kolektív: Neuromodulace, Praha 2007, ISBN 978-80-247-0429-6                                                                                                           |                                                 |
| <b>Course language:</b><br>slovak language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 |

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|-----------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| <b>Notes:</b>                                                   |       |       |       |       |       |       |
| <b>Course assessment</b>                                        |       |       |       |       |       |       |
| Total number of assessed students: 92                           |       |       |       |       |       |       |
| abs                                                             | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 36.96                                                           | 54.35 | 6.52  | 0.0   | 1.09  | 1.09  | 0.0   |
| <b>Provides:</b> MUDr. Jana Šimonová, PhD., MPH                 |       |       |       |       |       |       |
| <b>Date of last modification:</b> 27.03.2023                    |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |                                                |     |     |     |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                                |     |     |     |
| <b>Course ID:</b><br>KFBLR/ZR-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | <b>Course name:</b> Fundamentals of Recreology |     |     |     |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 3 / 3 <b>Per study period:</b> 28 / 42 / 42<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                               |       |                                                |     |     |     |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                                |     |     |     |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                                |     |     |     |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |                                                |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |                                                |     |     |     |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation. |       |                                                |     |     |     |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>To provide students with basic knowledge and understanding of the examination of the spine and superficial and deep muscles. Upon completion of the course, students will be able to use the theoretical concepts they have learned, distinguishing between the underlying theories and the concepts they use. Students will be able to evaluate and use the acquired knowledge in further study and will also be able to apply the acquired theoretical knowledge in practice.                                                        |       |                                                |     |     |     |
| <b>Brief outline of the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                                |     |     |     |
| <b>Recommended literature:</b><br>Hodaň, B., Dohnal, T. Rekreeologie. Olomouc, Hanex 2008. 274 s. ISBN 978-80-244-1826-1.<br>Hrčka, J., Drdácka, J. Rekreačná telesná výchova a šport. Bratislava, SPN 1992. 182 s. ISBN 80-08-00486-X.                                                                                                                                                                                                                                                                                                                                                   |       |                                                |     |     |     |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                                |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                                |     |     |     |
| <b>Course assessment</b><br>Total number of assessed students: 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                                                |     |     |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | B     | C                                              | D   | E   | FX  |
| 82.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 13.59 | 3.88                                           | 0.0 | 0.0 | 0.0 |
| <b>Provides:</b> PhDr. Perla Ondová, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                                |     |     |     |

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| <b>Date of last modification:</b> 07.03.2023                    |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                            |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |
| <b>Course ID:</b><br>KFBLR/KPPA-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course name:</b> Kineziology and Pathokineziology - Practical Aspects 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                            |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                            |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                  |                                                                            |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>Upon completion of the course, the student will gain detailed knowledge of developmental and special kinesiology and be able to apply the knowledge of developmental kinesiology to clinical practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                            |
| <b>Brief outline of the course:</b><br>Course outline: kinesiological analysis. Kinesiological analysis of the whole spine of the patient. Kinesiological analysis of the patient's BK. Kinesiological analysis of the patient's AC. Kinesiological analysis of the patient's ATC. Kinesiological analysis of RK of the patient. Kinesiological analysis of the patient's LC. Kinesiological analysis of ARC patient. Kinesiological analysis of the patient's gait. Kinesiological analysis of the patient's breathing mechanism. Kinesiological analysis of the upper limb brachial plexus. Kinesiological analysis of the lower limb brachial plexus. Kinesiological analysis of the spine. Evaluation. |                                                                            |
| <b>Recommended literature:</b><br>VÉLE F. Kineziológia pro klinickou praxi, Grada Publishing, 1997, 271 s ISBN 80-7169-256-5<br>GROSS, J.M. a kol. Vyšetření pohybového aparátu. ISBN 80-7254-720-8<br>Další študijná literatúra:<br>HAGOVSÁ, M.: Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014, ISBN 978-80-8152-117-1, 362 s.<br>Hagovská, M., Aplikovaná kineziológia a fyzioterapia driekovej chrbtice 2017. ISBN 9788081524684.                                                                                                                                                                                             |                                                                            |

|                                                                                                                                                                                                                                    |       |       |       |       |       |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| Hagovská, M. Aplikovaná kineziológia a fyzioterapia panvy. ISBN 9788081524684<br>Hagovská, M. Praktická kinezioterapia. - ISBN 978-80-8152-391-5<br>Knap V. Aplikovaná kineziológia a fyzioterapia hrudnej chrbtice. 9788081524684 |       |       |       |       |       |       |
| <b>Course language:</b>                                                                                                                                                                                                            |       |       |       |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                                      |       |       |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 103                                                                                                                                                                 |       |       |       |       |       |       |
| abs                                                                                                                                                                                                                                | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 44.66                                                                                                                                                                                                                              | 23.3  | 13.59 | 6.8   | 2.91  | 6.8   | 1.94  |
| <b>Provides:</b> PhDr. Marianna Mihaľová, PhD.                                                                                                                                                                                     |       |       |       |       |       |       |
| <b>Date of last modification:</b> 07.03.2023                                                                                                                                                                                       |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                                                                                    |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                            |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                            |
| <b>Course ID:</b><br>KFBLR/KPPA-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course name:</b> Kineziology and Pathokineziology - Practical Aspects 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 4 / 3 <b>Per study period:</b> 28 / 56 / 42<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                            |
| <b>Number of ECTS credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
| <b>Recommended semester/trimester of the course:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                            |
| <b>Prerequisites:</b> KFBLR/KPPA-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                        |                                                                            |
| <b>Learning outcomes:</b><br>After completing the subject, the student will acquire detailed knowledge of developmental and special kinesiology of the spine and is able to apply the knowledge in clinical practice                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
| <b>Brief outline of the course:</b><br>Brief outline of the course: evaluation of data obtained in the investigative procedure. Assessment of personality and sensory abilities. Assessment of muscle configuration by aspxia and palpation. Assessment of trophicity, blood flow and muscle tone. Assessment of muscle strength movement, clinical muscle code. Kinesiological analysis of passive movement. Kinesiological analysis of active movement, mimicry. Kinetic muscle chains. Postural stability. Muscle imbalance. Kinesiological analysis of sitting. Kinesiological analysis of running. Evaluation.                                              |                                                                            |
| <b>Recommended literature:</b><br>VÉLE F. Kineziológia pro klinickou praxi, Grada Publishing, 1997, 271 s ISBN 80-7169-256-5<br>GROSS,J.M. a kol. Vyšetření pohybového aparátu. ISBN 80-7254-720-8<br>Další študijná literatúra:<br>HAGOVSÁ, M.: Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014, ISBN 978-80-8152-117-1, 362 s.<br>Hagovská, M., Aplikovaná kineziológia a fyzioterapia driekovej chrbtice 2017. ISBN 9788081524684.<br>Hagovská, M. Aplikovaná kineziológia a fyzioterapia panvy.ISBN 9788081524684<br>Hagovská, M. Praktická kinezioterapia. - ISBN 978-80-8152-391-5 |                                                                            |

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|-----------------------------------------------------------------|-------|------|------|------|-----|
| <b>Course language:</b>                                         |       |      |      |      |     |
| <b>Notes:</b>                                                   |       |      |      |      |     |
| <b>Course assessment</b>                                        |       |      |      |      |     |
| Total number of assessed students: 32                           |       |      |      |      |     |
| A                                                               | B     | C    | D    | E    | FX  |
| 56.25                                                           | 15.63 | 12.5 | 3.13 | 12.5 | 0.0 |
| <b>Provides:</b> PhDr. Marianna Mihaľová, PhD.                  |       |      |      |      |     |
| <b>Date of last modification:</b> 07.03.2023                    |       |      |      |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |       |      |      |      |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |
| <b>Course ID:</b><br>KFBLR/KPK2-SS-FM/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course name:</b> Kineziology and Pathokineziology II. |
| <b>Course type, scope and the method:</b><br><b>Course type:</b><br><b>Recommended course-load (hours):</b><br><b>Per week: Per study period:</b><br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |
| <b>Recommended semester/trimester of the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |
| <b>Conditions for course completion:</b><br>Obtaining the required number of credits in the composition prescribed by the curriculum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |
| <b>Learning outcomes:</b><br>CLearning outcomes:<br>After completing the subject, the student will acquire detailed knowledge of developmental and special kinesiology of the spine and is able to apply the knowledge in clinical practice.                                                                                                                                                                                                                                                                                                                                                                         |                                                          |
| <b>Brief outline of the course:</b><br>Brief outline of the course: evaluation of data obtained in the investigative procedure. Assessment of personality and sensory abilities. Assessment of muscle configuration by aspezia and palpation. Assessment of trophicity, blood flow and muscle tone. Assessment of muscle strength movement, clinical muscle code. Kinesiological analysis of passive movement. Kinesiological analysis of active movement, mimicry. Kinetic muscle chains. Postural stability. Muscle imbalance. Kinesiological analysis of sitting. Kinesiological analysis of running. Evaluation. |                                                          |
| <b>Recommended literature:</b><br>GROSS,J.M. a kol. Vyšetrení pohybového aparátu. ISBN 80-7254-720-8<br>Ďalšia študijná literatúra:<br>HAGOVSÁ, M.: Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014, ISBN 978-80-8152-117-1, 362 s.<br>Hagovská, M., Aplikovaná kineziológia a fyzioterapia driekovej chrbtice 2017. ISBN 9788081524684.<br>Hagovská, M. Aplikovaná kineziológia a fyzioterapia panvy.ISBN 9788081524684<br>Hagovská, M. Praktická kinezioterapia. - ISBN 978-80-8152-391-5                                                  |                                                          |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |

|                                                                 |       |       |      |      |     |
|-----------------------------------------------------------------|-------|-------|------|------|-----|
| <b>Course assessment</b>                                        |       |       |      |      |     |
| Total number of assessed students: 78                           |       |       |      |      |     |
| A                                                               | B     | C     | D    | E    | FX  |
| 48.72                                                           | 29.49 | 15.38 | 2.56 | 3.85 | 0.0 |
| <b>Provides:</b>                                                |       |       |      |      |     |
| <b>Date of last modification:</b> 07.03.2023                    |       |       |      |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |       |       |      |      |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                              |
| <b>Course ID:</b> USBM/MZ2-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course name:</b> Management of Healthcare |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 / 1 <b>Per study period:</b> 14 / 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |
| <b>Number of ECTS credits:</b> 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                              |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                              |
| <b>Conditions for course completion:</b><br>1. 100% participation in practicals and 80% participation in lectures.<br>2. Processing of the assigned task.<br>Last update: <a href="https://www.upjs.sk/app/uploads/sites/9/2022/11/USBM_UP_Pr-Cv_FTmgr-2_MvZ_2022-2023-final.pdf">https://www.upjs.sk/app/uploads/sites/9/2022/11/USBM_UP_Pr-Cv_FTmgr-2_MvZ_2022-2023-final.pdf</a> .<br>Conditions for completing the course: Obtaining credits.<br>Final evaluation (examination): evaluation of the completed assignment.                                                                                                                                              |                                              |
| <b>Learning outcomes:</b><br>To provide students with basic information about selected areas of human resource management in order to gain a deeper understanding of the specifics of human resource management within the framework of organizational management. After completing the course, students will have an overview of the main activities and skills necessary for human resource management and will be able to apply them for management within healthcare organizations.                                                                                                                                                                                   |                                              |
| <b>Brief outline of the course:</b><br>Analysis, design and re-design of jobs; Human resource planning; Ensuring the need for human resources; Leadership, motivation and basics of teamwork; Evaluation and remuneration of employees; Individual development and care; Mobility; New trends in human resources management. The current timetable for the given semester is published on the website of the Institute of Social and Behavioral Medicine: <a href="https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/">https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/</a> |                                              |
| <b>Recommended literature:</b><br>Základná študijná literatúra:<br>KRAVČÁKOVÁ, G. Manažment ľudských zdrojov. UPJŠ v Košiciach, 2014. ISBN 978-80-8152-219-2. Dostupné online:<br><a href="https://www.upjs.sk/public/media/5596/Kravcakova_Manazment_ludskych_zdrojov.pdf">https://www.upjs.sk/public/media/5596/Kravcakova_Manazment_ludskych_zdrojov.pdf</a><br>COVEY, S.R. 7 návykov pre úspešný a harmonický život. MKV – PRESS, spol. s r. o., Košice, 1994. ISBN 80-857419-05-9.<br>Ďalšia študijná literatúra:<br>ĎURIŠ, T. Riadenie ľudských zdrojov v zdravotníctve. TU FzaSP, Trnava 2000.                                                                     |                                              |

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| <b>Course language:</b><br>Slovak                                                                                                                                 |       |       |       |       |       |       |
| <b>Notes:</b><br>Estimated student time burden: 44 hours of which<br>full-time study (L, Pr) 28 hours,<br>presentation preparation 8 hours,<br>self-study 8 hours |       |       |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 91                                                                                                 |       |       |       |       |       |       |
| abs                                                                                                                                                               | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 37.36                                                                                                                                                             | 32.97 | 20.88 | 8.79  | 0.0   | 0.0   | 0.0   |
| <b>Provides:</b> Mgr. Marta Nemčíková, PhD., MUDr. Zuzana Katreniaková, PhD.                                                                                      |       |       |       |       |       |       |
| <b>Date of last modification:</b> 20.03.2023                                                                                                                      |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                   |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |
| <b>Course ID:</b><br>KFBLR/MMT-<br>FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course name:</b> Mobilization and Soft Tissue Techniques 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                               |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                               |                                                               |
| <b>Learning outcomes:</b><br>After completing the course, the student is able to independently apply the principles of clinical examination of movement stereotypes and muscles. The student is able to independently apply peripheral joint mobilization techniques to clinical practice.                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                               |
| <b>Brief outline of the course:</b><br>Historical development of manual therapy. The history and development of manual therapy, the means, principles and techniques of manual therapy. Etiopathogenesis of functional musculoskeletal disorders. Clinical characteristics, diagnosis and therapy of HAZ, trigger points and fascia. Diagnosis and therapy of muscles with a tendency to weakening. Diagnosis and therapy of muscles with a tendency to shortening. Pathomechanism and therapy of movement stereotype disorders. Diagnosis and therapy of functional disorders in the brachial plexus, shoulder, elbow, wrist and hand. Diagnosis and therapy of functional disorders of the hip, knee, ankle and foot. |                                                               |
| <b>Recommended literature:</b><br>Rychlíková E.: Manuální medicína, Maxdorf 2004, 519s, ISBN 80-7345-010-0.<br>Lewit K.: Manipulační léčba v myoskeletální medicíne. Praha 2003, 411s, ISBN 80- 86645-04-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                               |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |

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| <b>Course assessment</b>                                        |       |       |       |       |       |       |
| Total number of assessed students: 104                          |       |       |       |       |       |       |
| abs                                                             | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 32.69                                                           | 30.77 | 25.0  | 7.69  | 0.96  | 1.92  | 0.96  |
| <b>Provides:</b> PhDr. Perla Ondová, PhD.                       |       |       |       |       |       |       |
| <b>Date of last modification:</b> 07.03.2023                    |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |
| <b>Course ID:</b><br>KFBLR/MMT-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course name:</b> Mobilization and Soft Tissue Techniques 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                               |                                                               |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                               |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               |
| <b>Prerequisites:</b> KFBLR/MMT-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation. |                                                               |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>Upon completion of the course, the student will be able to independently apply mobilization techniques in the peripheral joints, spine and pelvis to clinical practice.                                                                                                                                                                                                                                                                                                                                                                |                                                               |
| <b>Brief outline of the course:</b><br>Course outline: etiology and pathogenesis of vertebrogenic disorders. Diagnosis and therapy of functional disorders of the temporo-mandibular joint. Diagnosis and therapy of functional disorders of the temporomandibular joint. Diagnosis and therapy of functional disorders in the cervical spine, cervicothoracic transition, thoracic spine, thoracolumbar transition. Diagnosis and therapy of functional disorders of the scapula and clavicle, functional disorders of the ribs, sacroiliac joint, pelvis, coccyx and symphysis.         |                                                               |
| <b>Recommended literature:</b><br>Rýchliková E. Manuální medicína. Maxdorf 2004. 519s. ISBN 80-7345-010-0.<br>Rýchliková, E. Funkční poruchy kloubu končetin: diagnostika a léčba. 2. vyd. Praha: Grada, 2019. 240 s. ISBN 978-80-271-2096-3.<br>Lewit K.: Manipulační léčba, Praha 2003. 411s. ISBN 80- 86645-04-5.                                                                                                                                                                                                                                                                      |                                                               |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |

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|-----------------------------------------------------------------|-------|-------|------|-----|------|
| <b>Course assessment</b>                                        |       |       |      |     |      |
| Total number of assessed students: 23                           |       |       |      |     |      |
| A                                                               | B     | C     | D    | E   | FX   |
| 13.04                                                           | 34.78 | 43.48 | 4.35 | 0.0 | 4.35 |
| <b>Provides:</b> PhDr. Perla Ondová, PhD.                       |       |       |      |     |      |
| <b>Date of last modification:</b> 07.03.2023                    |       |       |      |     |      |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |       |       |      |     |      |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                    |
| <b>Course ID:</b> IK/PTZ-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Course name:</b> Pathophysiology of Body Burden |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 / 1 <b>Per study period:</b> 14 / 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                    |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                    |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                    |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                    |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |
| <b>Conditions for course completion:</b><br>1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars. - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises |                                                    |
| <b>Learning outcomes:</b><br>To acquaint students with the pathophysiology of body weight, the impact of weight on the body in extreme conditions and during doping, and with the physiological aspects of physical activity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |
| <b>Brief outline of the course:</b><br>Physiological aspects of physical activity, energy metabolism, pathological changes<br>The body's reaction to physical activity, pathological changes and findings, cardiology aspects.<br>Physical activity in extreme conditions. Aerobic/anaerobic metabolism, training at high altitude.<br>Sports traumatology - the most common injuries, specifics of sports injuries, treatment, physical therapy, prevention. Doping, doping control .Recreational sport, prescription of physical activity in civilization disorders<br>The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.                                                               |                                                    |
| <b>Recommended literature:</b><br>1. Dzurenková, D., Marček, T., Hájková, M.: Essentials of Sports Medicine. Bratislava: CU, 2000. 22 pp.<br>2. Marček, T. et al.: Sports Medicine (Manual of Practical Sports Medicine). Bratislava: CU, 1995.76 p.<br>3. Harries, M., Williams, C., Stanish, W.D., Micheli, L.J.: Oxford Textbook of Sports Medicine. Oxford: Oxford University Press, 1994. 748 p .                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
| <b>Course language:</b><br>slovak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |

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| <b>Notes:</b><br>The subject Pathophysiology of Body Burden is provided only in the winter term. |     |     |     |     |     |
| <b>Course assessment</b><br>Total number of assessed students: 104                               |     |     |     |     |     |
| A                                                                                                | B   | C   | D   | E   | FX  |
| 100.0                                                                                            | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <b>Provides:</b> MUDr. Peter Horváth                                                             |     |     |     |     |     |
| <b>Date of last modification:</b> 16.03.2023                                                     |     |     |     |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                  |     |     |     |     |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |
| <b>Course ID:</b><br>KFBLR/FB2-SS-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course name:</b> Physiotherapy II. |
| <b>Course type, scope and the method:</b><br><b>Course type:</b><br><b>Recommended course-load (hours):</b><br><b>Per week: Per study period:</b><br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |
| <b>Recommended semester/trimester of the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |
| <b>Conditions for course completion:</b><br>Obtaining the required number of credits in the composition prescribed by the curriculum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |
| <b>Learning outcomes:</b><br>Verification of the acquired competences of the student in accordance with the profile of the graduate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |
| <b>Brief outline of the course:</b><br>Brief outline of the course<br>Physical therapy in post-traumatic musculoskeletal injuries. Physical therapy in radicular syndromes. Physical treatment in epicondylitis. Physical treatment in neuropathies. Physical treatment for omarthrosis and frozen shoulder syndrome. Physical treatment in the most common neurological diseases. Introduction to psychiatric treatment of internal diseases. Physiotherapy in peripheral circulatory disorders, introduction, precautions. Basics of physiotherapy in CVD, AP, IM. Principles of physiotherapy after thoracic surgery, principles of rehabilitation in patients with GIT disease. Principles of rehabilitation in endocrine diseases. Principles of physiotherapy in rheumatology. Methodological procedures in coxarthrosis gonarthrosis. Respiratory physiotherapy, vertebrogenic algic syndromes. Principles and strategy of rehabilitation with spinal cord injury of vascular and traumatological genesis. Principles of rehabilitation after injuries and surgeries in the HK, DK, pelvic, abdominal, back injuries, principles of rehabilitation after TEP in the BK, KK, methodological procedures after amputations, Morbus Perthes |                                       |
| <b>Recommended literature:</b><br>NAVRÁTIL, L.: Fyzikální léčebné metody pro praxi . Praha, Grada Publishing, 2019, 167 s. ISBN: 978-80-271-0478-9<br>PODĚBRADSKÝ, J., VAŘEKA, I.: Základy fyzikální terapie I, II., Praha, Grada Publishing 1998, 171 s. ISBN 80-7169-661-7<br>CAPKO J.: Základy fyziotrické léčby. Praha, Grada Publishing, 1998, 394 s., ISBN 80-7169-341-3<br>KOLÁŘ, P. et al. Rehabilitace v klinické praxi. 1. vyd. Praha : Galén, 2009. 713 s. ISBN 978-80-7262-657-1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |

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| <b>Course language:</b>                                         |       |       |      |       |     |
| <b>Notes:</b>                                                   |       |       |      |       |     |
| <b>Course assessment</b>                                        |       |       |      |       |     |
| Total number of assessed students: 68                           |       |       |      |       |     |
| A                                                               | B     | C     | D    | E     | FX  |
| 50.0                                                            | 22.06 | 16.18 | 1.47 | 10.29 | 0.0 |
| <b>Provides:</b>                                                |       |       |      |       |     |
| <b>Date of last modification:</b> 07.03.2023                    |       |       |      |       |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |       |       |      |       |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 |
| <b>Course ID:</b><br>KFBLR/FP-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course name:</b> Physiotherapy for Pediatrics Rehabilitation |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 3 / 3 <b>Per study period:</b> 28 / 42 / 42<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                 |
| <b>Number of ECTS credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                 |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                 |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>After completing the course, the student is able to diagnostic and therapeutic procedure in clinical practice, taking into account the specifics of rehabilitation in pediatrics.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Motor development of the child in the first 3 years of life. Motor development in preschool and school age. Functional changes with limitation of physical activity. LTV methodology in children, methodological guidelines and pedagogical and psychological approach in rehabilitation of children. Rehabilitation in pneumology, techniques of respiratory physiotherapy. Rehabilitation in diseases of blood circulation and in rheumatic diseases, haemophilia. Rehabilitation in congenital heart defects and in cardiac surgery. Rehabilitation in diseases of the digestive system and in diseases of metabolism. Rehabilitation in diseases of the urinary tract, in enuresis. Rehabilitation in neurology, Vojt's method, Bobath concept, PNF. Rehabilitation in paedopsychiatry. Rehabilitation in orthopaedics and after corrective surgery of deformities, M. Perthes. Rehabilitation in congenital defects of limbs, chest, spine. Rehabilitation in congenital defects of the limbs, thorax, spine. Principles of rehabilitation in paediatric traumatology and surgery. Methodological procedures and principles of rehabilitation in postural defects and scoliosis. Principles of rehabilitation in paediatric oncology. |                                                                 |
| <b>Recommended literature:</b><br>Hromádková J.a kol.: Fyzioterapie. Vydavateľstvo H+H, Jihlava 2002, 428 s., ISBN 80-86022-45-5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 |

Trojan, S., Druga, R., Pfeiffer, J., Votava, J.: Fyziologie a léčebná rehabilitace motoriky člověka. 2. Praha: Grada Publishing, 2001, 228 s., ISBN 80-2470-031-X.

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 103

| A     | B     | C    | D    | E    | FX  |
|-------|-------|------|------|------|-----|
| 50.49 | 31.07 | 9.71 | 4.85 | 3.88 | 0.0 |

**Provides:** PhDr. Perla Ondová, PhD., Mgr. Katarína Oravcová, PhD.

**Date of last modification:** 07.03.2023

**Approved:** prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

## COURSE INFORMATION LETTER

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                        |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                        |
| <b>Course ID:</b><br>KFBLR/FVL-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Course name:</b> Physiotherapy in Internal Medicine |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 3 / 4 <b>Per study period:</b> 28 / 42 / 56<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                        |
| <b>Number of ECTS credits:</b> 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                        |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                        |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                        |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                        |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                                                                 |                                                        |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>After completing the course, the student is able to understand the principles of selection of rehabilitation procedures and their mutual combination in different stages of internal diseases and subsequently apply them in clinical practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                        |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Reactions of the body to immobilization and physical stress. Basics of physiotherapeutic examination in patients with internal diseases. Effects of training on individual systems in the human organism. Principles of movement therapy, monitoring of basic physiological parameters during physiotherapy. Rehabilitation of pulmonary diseases. Rehabilitation in obstructive lung disease, asthma brochialis, pneumoconiosis. Rehabilitation in cystic fibrosis. Principles of rehabilitation in musculoskeletal diseases. Principles of movement therapy and physiotherapy in CV diseases. Rehabilitation after acute myocardial infarction. Rehabilitation after cardiac surgery. Rehabilitation in peripheral vascular diseases. Rehabilitation in rheumatology, osteoporosis. Rehabilitation in diabetics. |                                                        |
| <b>Recommended literature:</b><br>KNOPPOVÁ, T. MÁČEK, M, .SMOLÍKOVÁ, L. Léčebná rehabilitace v interním lékařství. Raabe, 2017, 158 s., ISBN 978-80-7496-311-7.<br>JANDOVÁ D, KUBÍČEK M. a kol. Léčebná rehabilitace v ortopedii a revmatologii, Raabe, 140 s., ISBN 978-80-8140-388-0, 2017.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                        |

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|---------------------------------------------------------------------------------------------------------------------------|-------|------|------|-----|-----|
| <b>Course language:</b>                                                                                                   |       |      |      |     |     |
| <b>Notes:</b>                                                                                                             |       |      |      |     |     |
| <b>Course assessment</b>                                                                                                  |       |      |      |     |     |
| Total number of assessed students: 68                                                                                     |       |      |      |     |     |
| A                                                                                                                         | B     | C    | D    | E   | FX  |
| 79.41                                                                                                                     | 14.71 | 2.94 | 2.94 | 0.0 | 0.0 |
| <b>Provides:</b> doc. MUDr. Peter Takáč, PhD., univerzitný profesor, Mgr. Katarína Oravcová, PhD.,<br>PhDr. Mária Tóthová |       |      |      |     |     |
| <b>Date of last modification:</b> 07.03.2023                                                                              |       |      |      |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                           |       |      |      |     |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>Course ID:</b><br>KFBLR/FN-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Course name:</b> Physiotherapy in Neurology 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 1 / 2 <b>Per study period:</b> 28 / 14 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                            |                                                  |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>Upon completion of this course, the student will be proficient in the independent examination and therapeutic management of patients with post-NCPD, cognitive and postural impairments, fine motor and speech impairments, dysphagia and neurogenic urinary incontinence, and ADL disorders.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Principles of neurorehabilitation, early neurorehabilitation. Phase model of neurorehabilitation. International classification of functional ability, disability and health in neurorehabilitation. Principles of rehabilitation of patients with CNS damage - examination of patients. Consequences of CNS damage, central motor disorders. NCMP. Cognitive impairment. Examination of cognitive functions-1. Cognitive training, cognitive rehabilitation. Dementia. Examination of cognitive functions -2. Diagnosis of balance and gait disorders. Dysphagia, Therapy of swallowing disorders. Examination of balance and gait disorders. Speech disorders and rehabilitation. Fine motor disorders. ADL examination. Diagnosis of ADLs. Neurogenic urinary incontinence. |                                                  |
| <b>Recommended literature:</b><br>HAGOVSÁ, M. Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014, , 362 s. ISBN 978-80-8152-117-1<br>Ďalšia študijná literatúra:<br>HAGOVSÁ, M.a kol. Praktická kinezioterapia - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2016. - 492 s. - ISBN 978-80-8152-391-5                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |

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|-----------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| <b>Course language:</b>                                                                                               |       |       |       |       |       |       |
| <b>Notes:</b>                                                                                                         |       |       |       |       |       |       |
| <b>Course assessment</b>                                                                                              |       |       |       |       |       |       |
| Total number of assessed students: 104                                                                                |       |       |       |       |       |       |
| abs                                                                                                                   | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 32.69                                                                                                                 | 47.12 | 14.42 | 2.88  | 0.96  | 0.96  | 0.96  |
| <b>Provides:</b> Mgr. Katarína Oravcová, PhD., prof. et doc. PhDr. Magdaléna Hagovská, PhD., MPH, PhDr. Mária Tóthová |       |       |       |       |       |       |
| <b>Date of last modification:</b> 07.03.2023                                                                          |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                       |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |
| <b>Course ID:</b><br>KFBLR/FN-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Course name:</b> Physiotherapy in Neurology 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                               |                                                  |
| <b>Number of ECTS credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>Prerequisites:</b> KFBLR/FN-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation. |                                                  |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>Upon completion of the course, the student is able to independently diagnose and treat patients with Parkinson's disease, Extrapyrarnidal syndromes, Demyelinating diseases, primary muscle diseases, brain tumors and injuries, spinal cord injuries and diseases, peripheral nerve paresis, traumatic spinal cord injuries.                                                                                                                                                                                                          |                                                  |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Parkinson's disease, extrapyramidal syndromes, demyelinating diseases, primary muscle diseases, brain tumors and injuries, spinal cord injuries and diseases, peripheral nerve paresis, traumatic spinal cord injuries, sensory examination, reflex examination.                                                                                                                                                                                                                                                   |                                                  |
| <b>Recommended literature:</b><br>HAGOVSÁ, M. Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014, 362 s.ISBN 978-80-8152-117-1<br>Ďalšia študijná literatúra:<br>HAGOVSÁ, M.a kol. Praktická kinezioterapia - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2016. - 492 s. - ISBN 978-80-8152-391-5                                                                                                                                                                                               |                                                  |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                  |

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|----------------------------------------------------------------------------------------------|-------|-------|-------|-----|-----|
| <b>Course assessment</b>                                                                     |       |       |       |     |     |
| Total number of assessed students: 91                                                        |       |       |       |     |     |
| A                                                                                            | B     | C     | D     | E   | FX  |
| 23.08                                                                                        | 35.16 | 24.18 | 13.19 | 4.4 | 0.0 |
| <b>Provides:</b> Mgr. Katarína Oravcová, PhD., PhDr. Perla Ondová, PhD., PhDr. Mária Tóthová |       |       |       |     |     |
| <b>Date of last modification:</b> 07.03.2023                                                 |       |       |       |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                              |       |       |       |     |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                      |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                      |
| <b>Course ID:</b><br>KFBLR/FOT-<br>FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course name:</b> Physiotherapy in Orthopaedics and Traumatology 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                      |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                      |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                      |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                      |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                                                                                         |                                                                      |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>After completing the course, the student is able to perform diagnostic and therapeutic procedures focusing on orthopaedic diagnoses - abnormal spinal curvatures, scoliosis and osteoporosis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                      |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>General principles of rehabilitation in orthopaedics. General principles of rehabilitation in orthopaedics. Conservative and surgical treatment in orthopaedics, main principles and techniques of LTV in orthopaedics. Rehabilitation for mal posture, kyphosis and lordosis. Scoliosis - division, examination, treatment, orthoses and corsets. Rehabilitation of scoliosis - special methodologies, principles of postoperative rehabilitation. Rehabilitation in specific and non-specific inflammation, rheumatic inflammation. Rehabilitation in degenerative joint diseases. Rehabilitation in degenerative diseases of the spine, discopathies. Complex rehabilitation procedures in tendon and tendon attachment disorders. Rehabilitation in osteopathies, osteoporosis. Rehabilitation procedures in oncological orthopaedics. |                                                                      |
| <b>Recommended literature:</b><br>HAGOVSÁ, M., MIHALEČKOVÁ, N.: Najčastejšie používané liečebné metodiky vo fyzioterapii. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2012, 216s. ISBN 978 – 80 – 7079 – 931 – 0.<br>HAGOVSÁ, M.: Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014. 362 s. ISBN 978-80-8152-117-1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                      |

HROMÁDKOVÁ, J.: Fyzioterapia, Praha: H+H, 2002, 843 s.  
 Doplnujúca študijná literatúra:  
 HUDEC, I. a kol. Úrazová chirurgia, Osveta 1986, 861s. ISBN 70-096-86.  
 CHALOUPKA, R. a kol.: Vybrané kapitoly z LTV v ortopédii a traumatológii, Brno 2001, 186s. ISBN 80-7013-341-4.  
 CHALOUPKA, R. a kol.: Vybrané kapitoly z LTV ve spondylochirurgii. Brno 2003, 186s. ISBN 80-7013-375-9.  
 VOJTAŠÁK, J.: Ortopédia. Bratislava 1998, 779s, ISBN 80-88908-00-0.

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 104

| abs   | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
|-------|-------|-------|-------|-------|-------|-------|
| 32.69 | 55.77 | 10.58 | 0.0   | 0.0   | 0.0   | 0.96  |

**Provides:** doc. PhDr. Viliam Knap, PhD., MHA, MPH, Mgr. Zuzana Nagyová

**Date of last modification:** 07.03.2023

**Approved:** prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                      |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                      |
| <b>Course ID:</b><br>KFBLR/FOT-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Course name:</b> Physiotherapy in Orthopaedics and Traumatology 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                          |                                                                      |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                      |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                      |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                      |
| <b>Prerequisites:</b> KFBLR/FOT-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                      |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.            |                                                                      |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>After completing the course, the student will master the specifics of individual methods depending on the type and stage of the disease, focusing on scoliosis, osteoporosis, oncological diseases.<br>Comprehensive rehabilitation approach for specific diagnoses taking into account the overall condition and needs of the patient.                                                                                                                                                                                                           |                                                                      |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Physiotherapeutic modalities in patients with post-traumatic complications. Physiotherapeutic procedures in patients with enthesopathies, discopathies, polytrauma. Verticalization and gait training in post-polytrauma patients. Use of compensatory aids. Physiotherapeutic procedures in patients with upper limb impingement syndrome. Physiotherapy procedures in patients with upper and lower limb injuries, with soft part injuries in the upper and lower limbs. Physiotherapeutic procedures in onco-orthopaedics. |                                                                      |
| <b>Recommended literature:</b><br>CHALOUPKA, R. a kol.: Vybrané kapitoly z LTV v ortopédii a traumatológii, Brno 2001, 186s. ISBN 80-7013-341-4.<br>CHALOUPKA, R. a kol.: Vybrané kapitoly z LTV ve spondylochirurgii, Brno 2003, 186s, ISBN 80-7013-375-9.<br>HUDEC, I. a kol.: Úrazová chirurgia. Osveta 1986, 861s. ISBN 70-096-86.<br>VOJTÁŠÁK, J. : Ortopédia, Bratislava 1998, 779s, ISBN 80-88908-00-0.                                                                                                                                                                                       |                                                                      |

|                                                                                       |       |      |     |      |     |
|---------------------------------------------------------------------------------------|-------|------|-----|------|-----|
| Ďalšia študijná literatúra:<br>HROMÁDKOVÁ, J.: Fyzioterapia, Praha: H+H, 2002, 843 s. |       |      |     |      |     |
| <b>Course language:</b>                                                               |       |      |     |      |     |
| <b>Notes:</b>                                                                         |       |      |     |      |     |
| <b>Course assessment</b><br>Total number of assessed students: 56                     |       |      |     |      |     |
| A                                                                                     | B     | C    | D   | E    | FX  |
| 80.36                                                                                 | 10.71 | 3.57 | 0.0 | 5.36 | 0.0 |
| <b>Provides:</b> doc. PhDr. Viliam Knap, PhD., MHA, MPH, Mgr. Zuzana Nagyová          |       |      |     |      |     |
| <b>Date of last modification:</b> 07.03.2023                                          |       |      |     |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                       |       |      |     |      |     |

## COURSE INFORMATION LETTER

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |
| <b>Course ID:</b><br>KFBLR/FCH-<br>FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course name:</b> Physiotherapy in Surgery 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 1 / 1 <b>Per study period:</b> 28 / 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                                                                                          |                                                |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>After completing the course, the student will be able to apply special methods of rehabilitation in surgery, cardiac surgery, onco-surgery, in patients hospitalized in the anesthesiology-resuscitation department, the specifics of individual methods depending on the type and stage of the disease. Comprehensive rehabilitation approach for specific diagnoses, taking into account the overall condition and needs of the patient.                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Principles of physiotherapy after surgical procedures. Impact of prolonged lying, principles of treatment of prolonged lying patients. Complications prolonging rehabilitation plan and program, rehabilitation program in decubitus. Rehabilitation procedures for wounds, delayed healing, secondary healing and pressure ulcers. Rehabilitation procedures for scars and their retraction. Methods of kinesiotherapy in the preoperative and postoperative period. Rehabilitation procedures in respiratory disorders, chest wall involvement, pneumothorax, airway obstructions. Rehabilitation procedures for operations in the thoracic region, rehabilitation procedures after surgical procedures in the abdominal cavity, rehabilitation procedures after gynaecological operations. Rehabilitation procedures for breast surgery. |                                                |
| <b>Recommended literature:</b><br>Hromádková, J.: Fyzioterapia. Praha: H+H, 2002, 843 s. ISBN 80-86022-45-5<br>Kolář, P. a kol.: Rehabilitace v klinické praxi. Galén, Praha, 2009, ISBN 2720-18-02-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                |

Lánik, V. a kol.: Liečebná telesná výchova II. Osveta 1983, , 517,ISBN 70-061-83  
Muller, I. Mullerová: Liečebná telesná výchova v chirurgii, traumatológii a ortopédii. Brno 1982, 115s. ISBN 57-864-83  
Pokorný, F. A kol.: Liečebná rehabilitácia I. Osveta, 1992, 161s. ISBN 80-217-0483-7

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 104

| abs   | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
|-------|-------|-------|-------|-------|-------|-------|
| 32.69 | 53.85 | 11.54 | 0.0   | 0.0   | 0.96  | 0.96  |

**Provides:** doc. PhDr. Viliam Knap, PhD., MHA, MPH, Mgr. Zuzana Nagyová

**Date of last modification:** 07.03.2023

**Approved:** prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

## COURSE INFORMATION LETTER

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |
| <b>Course ID:</b><br>KFBLR/FCH-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course name:</b> Physiotherapy in Surgery 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 1 / 2 <b>Per study period:</b> 28 / 14 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                |
| <b>Recommended semester/trimester of the course:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                |
| <b>Prerequisites:</b> KFBLR/FCH-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                    |                                                |
| <b>Learning outcomes:</b><br>After completing the course, the student is able to apply the knowledge in the rehabilitation of patients with amputations and vascular diseases to clinical practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Rehabilitation procedures in amputations. Preoperative period - methodological procedures. Early post-operative period and preparation of the patient for oporthesis. Rehabilitation procedures in upper limb amputations. Rehabilitation procedures aimed at training the use of prostheses on the HK. Rehabilitation procedures for lower limb amputations. Rehabilitation procedures aimed at training the use of prostheses on the DK. Rehabilitation procedures after cardiac surgery. Rehabilitation procedures after vascular surgeries. Rehabilitation procedures after burns, after surgical procedures in patients with devastating injuries. Rehabilitation procedures in patients with external fixators. Rehabilitation procedures in surgical oncology. |                                                |
| <b>Recommended literature:</b><br>1. Hromádková, J.: Fyzioterapia. Praha: H+H, 2002, 843 s. ISBN 80-86022-45-5<br>2. Kolář, P. a kol.: Rehabilitace v klinické praxi. Galén, Praha, 2009, ISBN 2720-18-02-03<br>3. Lánik, V. a kol.: Liečebná telesná výchova II. Osveta 1983, , 517,ISBN 70-061-83<br>4. Muller, I. Mullerová: Liečebná telesná výchova v chirurgii, traumatológii a ortopédii. Brno 1982, 115s. ISBN 57-864-83<br>5. Pokorný, F. A kol.: Liečebná rehabilitácia I. Osveta, 1992, 161s. ISBN 80-217-0483-7                                                                                                                                                                                                                                                                                                                  |                                                |

|                                                                 |      |     |      |      |     |
|-----------------------------------------------------------------|------|-----|------|------|-----|
| <b>Course language:</b>                                         |      |     |      |      |     |
| <b>Notes:</b>                                                   |      |     |      |      |     |
| <b>Course assessment</b>                                        |      |     |      |      |     |
| Total number of assessed students: 92                           |      |     |      |      |     |
| A                                                               | B    | C   | D    | E    | FX  |
| 51.09                                                           | 33.7 | 8.7 | 2.17 | 4.35 | 0.0 |
| <b>Provides:</b> Mgr. Zuzana Nagyová                            |      |     |      |      |     |
| <b>Date of last modification:</b> 07.03.2023                    |      |     |      |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN |      |     |      |      |     |

## COURSE INFORMATION LETTER

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  |
| <b>Course ID:</b><br>KFBLR/FMSP-<br>FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Course name:</b> Physiotherapy of musculoskeletal disorders 1 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 3 / 4 <b>Per study period:</b> 28 / 42 / 56<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                  |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final assessment takes into account the results of the interim assessment and the final examination                                                                                                                                                                                                                                                                                                                   |                                                                  |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>To provide students with basic knowledge and understanding of the examination of the spine and superficial and deep muscles. Upon completion of the course, students will be able to use the theoretical concepts they have learned, distinguishing between the underlying theories and the concepts they use. Students will be able to evaluate and use the acquired knowledge in further study and will also be able to apply the acquired theoretical knowledge in practice.                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |
| <b>Brief outline of the course:</b><br>Comorbidities and vertebrogenic diseases. Myoskeletal disorders. Consequences of functional musculoskeletal disorders. Principles of assessment of functional vertebrovisceral relationships. Diagnosis and therapy of functional disorders with a focus on the deep stabilization system. Diagnosis and therapy of skeletal and pelvic floor syndrome. Diagnosis and therapy of functional sterility disorders. Diagnosis and therapy of Tietze syndrome. Diagnosis and therapy of cephalgia in terms of functional disorders of the musculoskeletal system. Psychosocial factors in the etiopathogenesis of vertebrogenic disorders. Judgmental aspects (basics) of myoskeletal disorders. Sports activities in myoskeletal disorders. Active prevention of functional disorders and diseases of the musculoskeletal system. Review of theoretical knowledge |                                                                  |
| <b>Recommended literature:</b><br>Rychlíková E. Manuální medicína. Maxdorf 2004. 519s. ISBN 80-7345-010-0.<br>Rychlíková, E. Funkční poruchy kloubu končetin: diagnostika a léčba. 2. vyd. Praha: Grada, 2019. 240 s. ISBN 978-80-271-2096-3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                  |

|                                                                                         |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| Lewit K.: Manipulační léčba, Praha 2003. 411s. ISBN 80- 86645-04-5.                     |       |       |       |       |       |       |
| <b>Course language:</b>                                                                 |       |       |       |       |       |       |
| <b>Notes:</b>                                                                           |       |       |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 34                       |       |       |       |       |       |       |
| abs                                                                                     | abs-A | abs-B | abs-C | abs-D | abs-E | neabs |
| 0.0                                                                                     | 67.65 | 23.53 | 8.82  | 0.0   | 0.0   | 0.0   |
| <b>Provides:</b> doc. PhDr. Viliam Knap, PhD., MHA, MPH, Mgr. Nataša Martinásková, PhD. |       |       |       |       |       |       |
| <b>Date of last modification:</b> 07.03.2023                                            |       |       |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                         |       |       |       |       |       |       |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  |
| <b>Course ID:</b><br>KFBLR/FMSP-FM2/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Course name:</b> Physiotherapy of musculoskeletal disorders 2 |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 4 / 3 <b>Per study period:</b> 28 / 56 / 42<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                  |
| <b>Number of ECTS credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>Recommended semester/trimester of the course:</b> 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                  |
| <b>Prerequisites:</b> KFBLR/FMSP-FM1/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final assessment takes into account the results of the interim assessment and the final examination                                                                                                                                                                                                                                                                                                                                                   |                                                                  |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>To provide students with basic knowledge and understanding of the examination of the spine and superficial and deep muscles. Upon completion of the course, students will be able to use the theoretical concepts they have learned, distinguishing between the underlying theories and the concepts they use. Students will be able to evaluate and use the acquired knowledge in further study and will also be able to apply the acquired theoretical knowledge in practice.                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Comorbidities and vertebrogenic diseases. Myoskeletal disorders. Consequences of functional musculoskeletal disorders. Principles of assessment of functional vertebrovisceral relationships. Diagnosis and therapy of functional disorders with a focus on the deep stabilization system. Diagnosis and therapy of skeletal and pelvic floor syndrome. Diagnosis and therapy of functional sterility disorders. Diagnosis and therapy of Tietze syndrome. Diagnosis and therapy of cephalgia in terms of functional disorders of the musculoskeletal system. Psychosocial factors in the etiopathogenesis of vertebrogenic disorders. Judgmental aspects (basics) of myoskeletal disorders. Sports activities in myoskeletal disorders. Active prevention of functional disorders and diseases of the musculoskeletal system. Review of theoretical knowledge |                                                                  |
| <b>Recommended literature:</b><br>Rychlíková E. Manuální medicína. Maxdorf 2004. 519s. ISBN 80-7345-010-0.<br>Rychlíková, E. Funkční poruchy kloubu končetin: diagnostika a léčba. 2. vyd. Praha: Grada,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                  |

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|-------------------------------------------------------------------------------------------------------------|-------|-----|-----|-----|-----|
| 2019. 240 s. ISBN 978-80-271-2096-3.<br>Lewit K.: Manipulační léčba, Praha 2003. 411s. ISBN 80- 86645-04-5. |       |     |     |     |     |
| <b>Course language:</b>                                                                                     |       |     |     |     |     |
| <b>Notes:</b>                                                                                               |       |     |     |     |     |
| <b>Course assessment</b><br>Total number of assessed students: 34                                           |       |     |     |     |     |
| A                                                                                                           | B     | C   | D   | E   | FX  |
| 67.65                                                                                                       | 32.35 | 0.0 | 0.0 | 0.0 | 0.0 |
| <b>Provides:</b> doc. PhDr. Viliam Knap, PhD., MHA, MPH                                                     |       |     |     |     |     |
| <b>Date of last modification:</b> 07.03.2023                                                                |       |     |     |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                             |       |     |     |     |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                      |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                      |
| <b>Course ID:</b> UO/<br>PZCh-FM/20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course name:</b> Psychology of Health and Disease |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                      |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                      |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                      |
| <b>Conditions for course completion:</b><br>- 100% active participation at practical exercises<br>- Seminar works presentation in person<br>- At least 60% success achievement in final exam                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      |
| <b>Learning outcomes:</b><br>Gaining knowledge about health psychology theories as a specific psychological field. Definition of theories supporting health, their psychosocial and spiritual determinates.<br>Analysing cognitive approach to coping with a disease. Identifying biopsychosocial triggers causing health complaints.<br>Utilizing achieved knowledge into medical practice.                                                                                                                                                                                                                |                                                      |
| <b>Brief outline of the course:</b><br>Health psychology, goals, subject of study and main characteristics of health psychology. Perceiving of health status. Stress. Social support. Mental hygiene. Biopsychosocial triggers causing health complaints. Health psychology programmes. Psychology in disease. Patient's coping with disease. Interaction of patient and health care professional from psychological point of view. Perception of coping with disease and struggling from view of self-regulation theory. Mental health in cancer patient. Mental health of senior patients and dying ones. |                                                      |
| <b>Recommended literature:</b><br>1. Křivohlavý J. Psychologie zdraví. Praha: Portál, 2001.<br>2. Křivohlavý J. Psychologie nemoci. Praha. Grada: 2002.<br>3. Paulík K. Psychologie lidské odolnosti. Praha. Grada. 2010.<br>4. Válková L. Nemocný a jeho rodina. Praha. Galén. 1992.<br>5. Bartošíková J. Kapitoly z psychologie pro zdravotnické pracovníky. Brno. IPVZ. 2000.                                                                                                                                                                                                                            |                                                      |
| <b>Course language:</b><br>Slovak language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                      |

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|-------------------------------------------------------------------------------------------------------|-------|-------|------|------|------|
| <b>Course assessment</b>                                                                              |       |       |      |      |      |
| Total number of assessed students: 58                                                                 |       |       |      |      |      |
| A                                                                                                     | B     | C     | D    | E    | FX   |
| 27.59                                                                                                 | 37.93 | 25.86 | 1.72 | 5.17 | 1.72 |
| <b>Provides:</b> PhDr. Martina Ružicková, PhD., Mgr. Juraj Martonyik, PhD., Mgr. Jana Schrötter, PhD. |       |       |      |      |      |
| <b>Date of last modification:</b> 16.03.2023                                                          |       |       |      |      |      |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                       |       |       |      |      |      |

## COURSE INFORMATION LETTER

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                   |
| <b>Course ID:</b> UVZH/<br>VZ-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course name:</b> Public Health |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 2 / 2 <b>Per study period:</b> 14 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                   |
| <b>Number of ECTS credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                   |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                   |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   |
| <b>Conditions for course completion:</b><br>Participation in practical exercises,<br>- continuous assessment of the student's theoretical knowledge,<br>- successful completion of the examination (test) - minimum 60%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                   |
| <b>Learning outcomes:</b><br>Acquire theoretical knowledge related to civilisation diseases and protection of the population against civilisation diseases. To acquire knowledge of the epidemiology of musculoskeletal diseases. To familiarise oneself with the legislation governing the provision of social care and with selected specific features of health and social care for people with sensory disabilities. Acquire knowledge of psychological hygiene, occupational hygiene and nutrition. Hygiene principles in the performance of massage. Hygiene and safety rules in the application of physical therapy during medical rehabilitation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   |
| <b>Brief outline of the course:</b><br>Basic concepts, working methods, strategies in the field of environment and human health. Primary, secondary, tertiary prevention. Civilisation diseases and their impact on the musculoskeletal system. Oncological diseases. . Preventive measures in the fight against obesity. Occurrence and impact of environmental and occupational carcinogens on GIT, bone, muscle tumours. Occurrence and impact of environmental and occupational carcinogens on tumours of the respiratory system, blood, male and female genital organs, skin. Preventive measures. Preventive measures in the fight against obesity. Diseases of bones, joints and tendons resulting from the working environment. Legislation governing the provision of social care. Selected specifics of health and social care for people with physical disabilities. Selected specifics of health and social care for older people and people with terminal illness and people with sensory disabilities. Epidemiology of musculoskeletal disorders. Epidemiology of musculoskeletal injuries. Congenital defects-luxation of the hip and knee. |                                   |
| <b>Recommended literature:</b><br>1. Šulcová, M., Čížmár, I., Fabiánová, E. Verejné zdravotníctvo, Vydavateľstvo VEDA, 2013. 2. Jurga, E., M. a kol. Klinická a radiačná onkológia založená na dôkazoch, Vydavateľstvo Osveta, 2010.<br>3. Müllerová, D. Obezita - prevence a léčba. Vydavateľstvo Mladá fronta - Medical Services, 2010. 4. Křivohlavý J. Psychologie nemoci. Grada Publishing, Praha 2002, ISBN 80-247-0179-0,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                   |

200 5. Křivohlavý J. Psychologie zdraví. Portál, s.r.o., Praha 2001, ISBN 80-7178-551-2, 280 s. 6. Vágnerová M. Psychopatologie pro pomáhající profese. Portál, s.r.o., Praha 1999, ISBN 80-7178-678-0, 444 s. 7. Zákony NR SR Z.z. v znení neskorších predpisov: č. 448/2008 o sociálnych službách a č. 447/2008 Z.z. o peňažných príspevkoch na kompenzáciu ťažkého zdravotného postihnutia. 8. Bakoš, P. a kol. Epidemiológia, Bratislava, UK, 2008, 2011, 2013, 520 s. 9. Holéczyová, G., Čipáková, A, Dietzová, Z. Hygiena životného prostredia, Košice, 2011, 202 s. 10. Ševčíková, Ľ. a kol. Hygiena, UK Bratislava, 2006, 328 s. 11. Jurkovičová, J. a kol.: Praktické cvičenia z hygieny I. UK v Bratislave 2005, 243 s.

**Course language:**

slovak language

**Notes:**

**Course assessment**

Total number of assessed students: 91

| A     | B     | C     | D    | E   | FX  |
|-------|-------|-------|------|-----|-----|
| 17.58 | 62.64 | 14.29 | 5.49 | 0.0 | 0.0 |

**Provides:** Mgr. Marta Nemčíková, PhD., MVDr. Marcela Linková, PhD., MUDr. Ingrid Babinská, PhD., MPH, prof. Mgr. MUDr. Erik Dorko, PhD., MPH, MBA, Mgr. Anastasiia Ostafichuk

**Date of last modification:** 27.03.2023

**Approved:** prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                     |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |
| <b>Course ID:</b><br>KFBLR/RMF-FM/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course name:</b> Reflex Methods in Physiotherapy |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 3 / 5 <b>Per study period:</b> 28 / 42 / 70<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                     |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                     |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final assessment takes into account the results of the interim assessment and the final examination                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>After completing the subject, the student masters the specifics of individual methods depending on the type and stage of the disease. The student is able to apply reflective methodologies in clinical practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |
| <b>Brief outline of the course:</b><br>Brief outline of the subject: Reflex action and reflexology. Reflexology and reflexology. Reflex healing methods. Reflex healing methods. Approaches using reflex locomotion. Approaches using reflex locomotion. Concepts focusing on adult hemiplegia. Concepts focusing on adult hemiplegia. Methods of sensorimotor stimulation. Methods of sensorimotor stimulation. Repetition and 1. interim assessment of knowledge and assessment of practical skills. Proprioceptive stimulation. Proprioceptive stimulation. Concepts using the back school. Concepts focusing on neuromuscular diseases Concepts focusing on neuromuscular diseases. Principles of acupressure. Principles of acupressure. Techniques for processing acupressure points. Techniques for processing acupressure points. Pain point therapy techniques. Pain point therapy techniques. Reflex therapy techniques. Techniques of therapy of reflex changes. |                                                     |
| <b>Recommended literature:</b><br>HAGOVSKEÁ, M.: Prehľad neurológie a neurorehabilitácie pre fyzioterapeutov, Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2014, ISBN 978-80-8152-117-1, 362 s.<br>Ďalšia štúdijná literatúra:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|-----|
| HROMÁDKOVÁ, J.: Fyzioterapia, Praha: H+H, 2002, 843 s. ISBN 80-86022-45-5 TROJAN, S., DRUGA, R., PFEIFFER, J., VOTAVA, J.: Fyziologie a léčebná rehabilitace motoriky člověka. 2. vyd., Praha: Grada Publishing 2001, s. 195- 215, ISBN 80-2470-031-X KOLÁR, P. a kol.: Rehabilitace v klinické praxi, Galén, Praha, 2009, ISBN 2720-18-02-03 Chaloupka R. a kol. Vybrané kapitoly z LTV v ortopédii a traumatologii 2001. ISBN 80-7013-341-4 ŽIAKOVÁ, E. a kol. Vybrané kapitoly z fyzioterapie a ergoterapie. 2012. ISBN 978-80-89352-66-1 |      |      |      |      |     |
| <b>Course language:</b><br>slovak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |      |      |      |     |
| <b>Course assessment</b><br>Total number of assessed students: 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |      |      |      |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | B    | C    | D    | E    | FX  |
| 88.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.83 | 2.91 | 1.94 | 0.97 | 0.0 |
| <b>Provides:</b> doc. PhDr. Viliam Knap, PhD., MHA, MPH, PhDr. Miriam Ištoňová, PhD., MHA, MPH                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |      |      |      |     |
| <b>Date of last modification:</b> 07.03.2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |      |      |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |      |      |     |

## COURSE INFORMATION LETTER

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------|-------|-------|-------|-------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |                                               |       |       |       |       |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |                                               |       |       |       |       |
| <b>Course ID:</b><br>KFBLR/DS-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | <b>Course name:</b> Seminar of Diploma Thesis |       |       |       |       |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                 |       |                                               |       |       |       |       |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                               |       |       |       |       |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                               |       |       |       |       |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |                                               |       |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |                                               |       |       |       |       |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation. |       |                                               |       |       |       |       |
| <b>Learning outcomes:</b><br>By completing the course, the student is able to prepare a diploma thesis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                               |       |       |       |       |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Abstract. Case report. Abstract. Research. Formal preparation of theses. Plagiarism and how to avoid it. Poster presentation. Lecture. Working with literature, bibliographic citation standards. Projected image presentation. Publishing the results of work - principles. Scientific and professional article. Characteristics of different types of final and other written work                                                                                                                               |       |                                               |       |       |       |       |
| <b>Recommended literature:</b><br>Meško D. , Katuščák D. a kol., Akademická príručka, Osveta 2004, 316s. ISBN 80-8063-150-6.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                                               |       |       |       |       |
| <b>Course language:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |                                               |       |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                               |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                                               |       |       |       |       |
| abs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | abs-A | abs-B                                         | abs-C | abs-D | abs-E | neabs |
| 44.66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 41.75 | 8.74                                          | 4.85  | 0.0   | 0.0   | 0.0   |
| <b>Provides:</b> PhDr. Miriam Ištoňová, PhD., MHA, MPH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                               |       |       |       |       |
| <b>Date of last modification:</b> 07.03.2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                                               |       |       |       |       |

**Approved:** prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |
| <b>Course ID:</b><br>KFBLR/SPR-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course name:</b> Social and Occupational Rehabilitation |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 1 / 1 / 2 <b>Per study period:</b> 14 / 14 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            |
| <b>Number of ECTS credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                            |
| <b>Recommended semester/trimester of the course:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                            |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                                                                                                                                              |                                                            |
| <b>Learning outcomes:</b><br>Learning outcomes:<br>To familiarize students with social care issues. To learn how to use the knowledge of social rehabilitation in clinical practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                            |
| <b>Brief outline of the course:</b><br>Brief outline of the course:<br>Psychosocial factors of chronic pain and social support issues in the rehabilitation therapy process. Options for influencing chronic pain. Workshops. Assessment of function and disability and health according to WHO. classification. Working with the WHO classification. The medical model of care. The social model of care. Opportunities for application of different models of care. Complexity of rehabilitation, ensuring social integration. Comprehensive rehabilitation - social integration. Medical pedagogical rehabilitation in the long-term process of inclusion. Pedagogical rehabilitation. Conditions for the implementation of the process of social rehabilitation. Interdisciplinary cooperation of the involved departments. Social rehabilitation. Social inclusion of persons with permanent disabilities. Methods and techniques of psychosocial rehabilitation. |                                                            |
| <b>Recommended literature:</b><br>KOLÁŘ, P. a kol.: Rehabilitace v klinické praxi, Galén, Praha, 2009, ISBN 2720-18-02-03.<br>PIKÁLEK, Š.: Výchovná a pracovnorehabilitačná činnosť u ťažko mentálne postihnutých, PDF UK, Bratislava 1998 .<br>Kollárik, T., Sollárová, E. Metódy sociálnopsychologickej praxe. Bratislava : Ikar, 2004, 264. s. ISBN 80-551-0765-3.<br>NAKONEČNÝ, M.: Sociální psychologie. Praha: Academia, 1999.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                            |

|                                                                          |      |       |      |     |     |
|--------------------------------------------------------------------------|------|-------|------|-----|-----|
| BOROŠ, J.: Základy sociálnej psychológie. Bratislava: IRIS, 2001. 227 s. |      |       |      |     |     |
| <b>Course language:</b>                                                  |      |       |      |     |     |
| <b>Notes:</b>                                                            |      |       |      |     |     |
| <b>Course assessment</b><br>Total number of assessed students: 103       |      |       |      |     |     |
| A                                                                        | B    | C     | D    | E   | FX  |
| 62.14                                                                    | 16.5 | 18.45 | 2.91 | 0.0 | 0.0 |
| <b>Provides:</b> PhDr. Miriam Ištoňová, PhD., MHA, MPH                   |      |       |      |     |     |
| <b>Date of last modification:</b> 07.03.2023                             |      |       |      |     |     |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN          |      |       |      |     |     |

## COURSE INFORMATION LETTER

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| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |
| <b>Course ID:</b><br>KFBLR/STP-FM/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Course name:</b> Sport of Disabled |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice / Controlled study hour<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 2 / 2 / 2 <b>Per study period:</b> 28 / 28 / 28<br><b>Course method:</b> present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |
| <b>Recommended semester/trimester of the course:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |
| <b>Course level:</b> II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |
| <b>Conditions for course completion:</b><br><a href="https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/">https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/</a><br><b>Prerequisites:</b><br>Successful completion of the interim study checks and the final exam.<br>Continuous assessment (test, independent work): written test<br>Final assessment (exam): exam, grade A, B, C, D, E, FX.<br>The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |
| <b>Learning outcomes:</b><br>Upon completion of the course, the student will apply a variety of disability sports in clinical practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |
| <b>Brief outline of the course:</b><br>International Classification of Functional Capacity for Disability and Health (ICF). Overview and application of the components of the international classification of functional ability, disability and health use in the classification of physical disabilities. Components of the international classification of functional ability, disability and health in practice. Bodily functions, bodily structures, disorders in terms of the ICF. History of physical education and sport of the physically disabled, Slovak Association of the Physically Disabled. Types of physical education and sport of the physically disabled. Organisation of sport for people with physical disabilities, Slovak Paralympic Committee. Principles of sport of persons with amputations, principles of sport of persons in wheelchairs. Principles of sport of persons with central mobility disorders. Sport options for sensory impaired persons. Sport in the elderly. Physical education and sport in schools for weakened and physically handicapped pupils. Sport of persons affected by civilisation diseases. Movement regime of persons with combined defects. Peak sport for the physically handicapped, winter and summer Paralympic Games. |                                       |
| <b>Recommended literature:</b><br>Svetová zdravotnícka organizácia: Medzinárodná klasifikácia funkcií dizability a zdravia. Bratislava, EKOVYS s.r.o. 2003. 198 s., ISBN 80-968689-1-8.<br>Stackeová, D. Fitness. Metodika cvičení ve fitness centrech. Praha, UK, 2006. 82 s. ISBN 8024608405.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |

Hnízdil, J. a kol.: Artróza v psychosomatickém prístupu. Praha, Triton, 2007, 47 s. ISBN 8072549138  
Srdečný V. Telesná výchova a sport telesne postížených. Praha: ČO ČSTV Sportpropag, 84 s. 1986.

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 34

| A     | B     | C    | D    | E   | FX  |
|-------|-------|------|------|-----|-----|
| 47.06 | 47.06 | 2.94 | 2.94 | 0.0 | 0.0 |

**Provides:** PhDr. Perla Ondová, PhD.

**Date of last modification:** 07.03.2023

**Approved:** prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN

## COURSE INFORMATION LETTER

|                                                                                                                                                                                                                           |       |                                                                |       |       |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------|-------|-------|-------|-------|
| <b>University:</b> P. J. Šafárik University in Košice                                                                                                                                                                     |       |                                                                |       |       |       |       |
| <b>Faculty:</b> Faculty of Medicine                                                                                                                                                                                       |       |                                                                |       |       |       |       |
| <b>Course ID:</b> Dek. LF<br>UPJŠ/SVOC/09                                                                                                                                                                                 |       | <b>Course name:</b> Student Science Work - Presentation at SSC |       |       |       |       |
| <b>Course type, scope and the method:</b><br><b>Course type:</b> Lecture / Practice<br><b>Recommended course-load (hours):</b><br><b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28<br><b>Course method:</b> present |       |                                                                |       |       |       |       |
| <b>Number of ECTS credits:</b> 4                                                                                                                                                                                          |       |                                                                |       |       |       |       |
| <b>Recommended semester/trimester of the course:</b> 3., 4..                                                                                                                                                              |       |                                                                |       |       |       |       |
| <b>Course level:</b> I., I.II., II.                                                                                                                                                                                       |       |                                                                |       |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                     |       |                                                                |       |       |       |       |
| <b>Conditions for course completion:</b>                                                                                                                                                                                  |       |                                                                |       |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                 |       |                                                                |       |       |       |       |
| <b>Brief outline of the course:</b>                                                                                                                                                                                       |       |                                                                |       |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                            |       |                                                                |       |       |       |       |
| <b>Course language:</b>                                                                                                                                                                                                   |       |                                                                |       |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                             |       |                                                                |       |       |       |       |
| <b>Course assessment</b><br>Total number of assessed students: 175                                                                                                                                                        |       |                                                                |       |       |       |       |
| abs                                                                                                                                                                                                                       | abs-A | abs-B                                                          | abs-C | abs-D | abs-E | neabs |
| 89.14                                                                                                                                                                                                                     | 10.86 | 0.0                                                            | 0.0   | 0.0   | 0.0   | 0.0   |
| <b>Provides:</b>                                                                                                                                                                                                          |       |                                                                |       |       |       |       |
| <b>Date of last modification:</b> 10.10.2024                                                                                                                                                                              |       |                                                                |       |       |       |       |
| <b>Approved:</b> prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN                                                                                                                                                           |       |                                                                |       |       |       |       |