

Course descriptions

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STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF/3-PED-005/22	Course title: Dissertation Defense
Number of credits: 30	
Educational level: III.	
Course requirements: - obtaining at least 210 credits (in a 4-year full-time and 5-year part-time study) - submission of an application for a state examination permit - defense of the dissertation no later than 4 months before the date of completion of the standard length of study - authorship or co-authorship of a doctoral student of at least three scientific papers in extenso in internationally recognized journals registered in databases, such as Web of Science, Medline or SCOPUS as a basic condition for accepting an application for permission to defend a dissertation; in at least one of these works, the doctoral student is the first author	
Learning outcomes: - the graduate of the field has mastered the principles and methodology of scientific work, from the ability to orient in the latest knowledge of the field, through scientific formulation of the problem, assessment of the ethical side of scientific work, planning and implementation of research, scientific processing of obtained data, their interpretation to their presentation, including in international fora, and possible proposals for their application in practice. - the graduate of the course Pediatrics 2 can work independently scientifically and bring their own solutions to problems in the field. He/she can contribute to the development of this field through scientific and teaching work	
Class syllabus: - scientific research on a current problem in the field or a multidisciplinary problem with a focus on Pediatrics - mastering the principles and methodology of scientific work in clinical research or experimental work, as well as the ethical and social aspects of scientific work up to the preparation of the text of a scientific publication in cooperation with the supervisor in in-form, especially in English - publishing and lecturing activities and active participation in scientific events - teaching activity (max. 4 hours per week / year = 208 hours / year = 104 hours / semester) only for full-time form - medical - preventive activity, while the doctoral student meeting the prescribed requirements is included in the specialization study to an appropriate extent.	
State exam syllabus:	
Recommended literature: Šagát, T., Šašík, M., Kovács, L., Bánovčin, P. a kol. Pediatria I,II. Bratislava: Herba 2019. 1736 s. ISBN 978-80-89631-90-2 Jakušová Ľ., Buchanec, J., Bánovčin, P. a kol.: Dorastové lekárstvo. Martin: Osveta, 1: vydanie, 2014. ISBN 978-80-8063-419-3 Jeseňák, M., Bánovčin, P. a kol. Vrodené poruchy imunity. Bratislava: A-medi manažment	

s.r.o. 2014 580 s. ISBN 978-80-970825-6-7
 K. Maťašová: Neonatológia nielen pre medikov, P+M Turany, 2021, 254s., ISBN: 9788089694808
 L.Časnocha Lúčanová: Infekcie novorodencov. P+M Turany, 2019, 120s., ISBN: 9788089694600
 Bánovčin, P., Zibolen, M. a kol. Základné informácie o materskom mlieku a dojčení pre pracovníkov v zdravotníctve. Bratislava: A-medi manažment s.r.o. 2016, 112 s. ISBN:978-80-89797-17-2
 Fedor, M. a kol.: Intenzivní péče v pediatrii. Osveta, 2006, 461 s., ISBN 8080632170
 European Resuscitation Council Guidelines 2021. voľne dostupný internetový zdroj: <https://cprguidelines.eu/>
 Nichols, D.G. a kol.: Roger's textbook of Pediatric Intensive Care. Fourth edition. Lippincott Williams Wilkins, 2008. 1839 s.
 Časopis Pediatria /vyd. SAMEDI Bratislava

Languages necessary to complete the course:

Slovak language / English language

Last change: 21.08.2023

Approved by: prof. Mgr. MUDr. Miloš Jeseňák, PhD., MBA, prof. MUDr. Mirko Zibolen, CSc., doc. MUDr. Dalibor Murgaš, PhD.

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF/3-PED-004/22	Course title: Dissertation Examination
Number of credits: 20	
Educational level: III.	
Course requirements: - obtaining at least 60 credits, including 20 credits for mandatory courses of the Methodology of Scientific Work, Introductory of Statistical Analysis and Examination in a Foreign / World Language as a condition for granting consent to take a dissertation exam (DE) - registration for DE within 24 months from the beginning of the study (in a 4-year full-time study) - registration for DE within 30 months from the beginning of the study (in a 5-year external study) - elaboration of a written part for the dissertation exam - successful answering of 2 theoretical questions from the field of Pediatrics and presentation of the basic theses of the written part of the dissertation exam	
Learning outcomes: - the graduate of the subject Pediatrics 1 has deep theoretical knowledge, based on the current state of scientific knowledge in the field of pediatrics to the extent necessary for the implementation of doctoral studies - the graduate is capable of independent scientific work and brings his own solutions to problems in the field of pediatrics - masters research methods in the field of pediatrics, especially with a focus on methods of clinical and clinical-epidemiological research	
Class syllabus: - theoretical knowledge in the field of Pediatrics to the extent necessary to solve a given scientific problem - knowledge in the field of pathogenesis, diagnosis, differential diagnosis, therapy, treatment and prevention of pediatrics - language skills needed to obtain scientific information from foreign sources and present research results in foreign journals and at international conferences - pedagogical activity (max. 4 hours per week / year = 208 hours / year = 104 hours / semester) only for full-time form - medical - preventive activity, while the doctoral student meeting the prescribed requirements is included in the specialization study to an appropriate extent.	
State exam syllabus:	
Recommended literature: Šagát, T., Šašinka, M., Kovács, L., Bánovčin, P. a kol. <i>Pediatrica I,II</i>. Bratislava: Herba 2019. 1736 s. ISBN 978-80-89631-90-2 Jakušová Ľ., Buchanec, J., Bánovčin, P. a kol.: <i>Dorastové lekárstvo</i>. Martin: Osveta, 1: vydanie, 2014. ISBN 978-80-8063-419-3	

Jeseňák, M., Bánovčín, P. a kol. Vrodené poruchy imunity. Bratislava: A-medi manažment s.r.o. 2014 580 s. ISBN 978-80-970825-6-7

K. Matášová: Neonatológia nielen pre medikov, P+M Turany, 2021, 254s., ISBN: 9788089694808

L.Časnocha Lúčanová: Infekcie novorodencov. P+M Turany, 2019, 120s., ISBN: 9788089694600

Bánovčín, P., Zibolen, M. a kol. Základné informácie o materskom mlieku a dojčení pre pracovníkov v zdravotníctve. Bratislava: A-medi manažment s.r.o. 2016, 112 s. ISBN:978-80-89797-17-2

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Nichols, D.G. a kol.: Roger's textbook of Pediatric Intensive Care. Fourth edition. Lippincott Williams Wilkins, 2008. 1839 s.

Časopis Pediatria /vyd. SAMEDI Bratislava

Languages necessary to complete the course:

Slovak language / English language

Last change: 10.08.2023

Approved by: prof. Mgr. MUDr. Miloš Jeseňák, PhD., MBA, prof. MUDr. Mirko Zibolen, CSc., doc. MUDr. Dalibor Murgaš, PhD.