

GENERAL INFORMATION		
Course name	Pediatrics	
Course director	Prof. Vesna Milas, MD, PhD	
Assistants	Assoc. Prof. Silvija Pušeljić, MD, PhD Matej Šapina, MD, PhD	
Study program	Integrated undergraduate and graduate university study program Medical Studies in German	
Course status	Mandatory	
Year of study, semester	5 th year, 10 th semester	
Credits allocated and form of instruction	ECTS student workload	11
	Number of teaching hours (L+S+E)	200 (100+40+60)
COURSE DESCRIPTION		
Course objectives		
<p>The aim of the course is to enable students to acquire knowledge related to the key principles of pediatrics and treatment of pediatric disorders. Students will become familiar with the epidemiology, pathophysiology and clinical manifestations of pediatric diseases, as well as diagnostic and therapeutic procedures regarding certain diseases. A multidisciplinary approach to pediatric diseases, evidence-based medicine and problem-oriented pediatrics will be emphasized.</p>		
Course requirements		
There are no specific requirements for this course except those defined in the study program curriculum.		
Learning outcomes at the Programme level		
1.1., 1.2., 2.1., 2.2., 2.3., 3.1., 3.2., 3.3., 3.4., 4.1., 4.2.		
Expected learning outcomes (5-10 learning outcomes)		
Knowledge		
<ol style="list-style-type: none"> 1. Define basic factors related to children of different ages (infant, child, adolescent) as an object of interest in pediatrics and explain the holistic approach to pediatrics which includes measures for the prevention and treatment of diseases, as well as the rehabilitation of sick children 2. Understand vital statistics and basic aspects of the organization of healthcare for mothers and children, explain the implementation of newborn screening and vaccination, and emphasize the importance of other measures for prevention and preservation of children's health 3. Emphasize the need and explain the methods of taking care of and monitoring the normal growth and development of children, including familiarization with their proper nutrition in accordance with the appropriate age of a child 4. Understand, define and classify the casuistry of special pediatrics according to the functions and diseases of the main organ systems 5. Understand and explain the most common acute and chronic childhood diseases, so that students, as future general practitioners, can independently recognize and solve the problems of sick children at the level of outpatient care, i.e. primary healthcare 6. Define, recognize and differentiate the most common emergency situations in pediatrics 		
Skills		
<ol style="list-style-type: none"> 1. Understand the skills of taking a pediatric heteroanamnesis and the skills of physical examination of children, as well as its specificities depending on the age of a child 		

2. Understand the methods and ways of assessing children's growth and psychomotor development and recognize children who deviate from normal findings and expected values
3. Understand the basic procedures, recommendations and advice on the nutrition of both healthy and sick children and distinguish them regarding the age of a child
4. Understand basic procedures of cardiopulmonary resuscitation for newborns, infants, children and school children, as well as general procedures in cases of acute poisoning

Course content

Pediatrics course includes propaedeutics of pediatrics, clinical pediatrics, social and preventive pediatrics and pediatric rehabilitation. Students will be familiarized with the etiopathogenesis and specificities in the diagnostics of childhood diseases, with the prevention of childhood diseases, and they will be trained for the treatment and rehabilitation of sick children.

Clinical pediatrics: epidemiology, symptomatology, prophylaxis, diagnostics and therapy, as well as prognosis of the most common acute and chronic pathological conditions in childhood. The main thematic units are emergency and life-threatening conditions and diseases in children, heredity, newborn pathology and constitution, accidents and poisoning of children, congenital anomalies and inborn errors of metabolism, acute and chronic nutritional disorders of infants and children, avitaminosis and hypovitaminosis, acute and chronic diseases of the respiratory system, immunological and hematological diseases, heart diseases and rheumatic fever, tuberculosis in childhood, pathology of growth and the most common endocrine disorders in children, diseases of the digestive and urinary tract and neurological disorders in children.

Social-preventive pediatrics: general and specific prophylactic protection, analysis of the family environment and the influence of psychosocial diseases in the pathology of childhood, causes of morbidity and mortality of children, as well as the organization of protection of mothers and children in Croatia.

Form of instruction	<input checked="" type="checkbox"/> lectures	and	<input type="checkbox"/> individual assignments
	<input checked="" type="checkbox"/> seminars workshops		<input type="checkbox"/> multimedia and Internet
	<input checked="" type="checkbox"/> exercises		<input type="checkbox"/> laboratory
	<input type="checkbox"/> distance learning		<input type="checkbox"/> mentoring activities
	<input type="checkbox"/> field course		<input type="checkbox"/> other

Student obligations

Come to class prepared by studying the recommended literature for each unit and actively participate in all forms of instruction. The student must participate in at least 70% of classes to pass the course.

Monitoring student learning

Attendance	x	Active participation	x	Seminar paper		Experimental work	
Written exam	x	Oral exam	x	Essay		Research	
Project		Continuous assessment		Paper		Practical work	x
Portfolio							

Assessment and evaluation of students during class and on the final exam

Students' performance will be evaluated during class and on the final exam. Students are evaluated numerically and descriptively (insufficient (1), sufficient (2), good (3), very good (4), excellent (5)). During classes, a student can earn a maximum of 100 points. Students can earn a maximum of 20 points during classes through different types of activities. On the final exam, students can earn a maximum of 80 points. The final grade represents the sum of the points earned during classes and on the final exam.

Mandatory reading (at the time of submission of study program proposal)

1. Gortner L, Meyer S, Sitzmann FC. Pädiatrie - Duale Reihe. Thieme: 2012

Additional reading (at the time of submission of study program proposal)

The number of copies of mandatory reading in proportion to the number of students currently taking this course

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
Gortner L, Meyer S, Sitzmann FC. Pädiatrie - Duale Reihe. Thieme: 2012	A purchased license for online textbooks shall be used https://bfdproxy48.bfd-online.de/login.htm?back=http%3a%2f%2fpartner.bfd-online.info.bfdproxy48.bfd-online.de%2fameos%2fbfdAboGateway%3fabold%3d264117 Access will be granted to all students enrolled in the study program	

Quality monitoring methods ensuring the acquisition of knowledge upon completion, skills and competences

The quality of course performance is monitored through an anonymous student survey on the quality of the organization and conduction of classes, the course content and the work of professors. The usefulness of the lectures from the students' perspective, the curriculum content, the professor preparedness, the clarity of the presentation, the amount of new content and the quality of the presentation are evaluated. The curriculum and its execution are administratively compared. The participation of students in lectures and exercises, as well as the excuses for missing classes, are controlled and analyzed.