



Pediatrics

1. IMPRINT	
Academic year	2026/2027
Department	English Dentistry Division
Field of study	Pediatrics
Main scientific discipline	Pediatrics
Study profile	General academic
Level of studies	Uniform MSc
Form of studies	Full time studies
Type of module / course	Basic
Form of verification of learning outcomes	Exam
Educational Unit / Educational Units	Department of Child Neurology and Rare Diseases; Warsaw Medical University Al. Żwirki i Wigury 63a, 02 – 091 Warsaw
Head of Educational Unit / Heads of Educational Units	Dr hab. n. med. Krystyna Szymańska
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2. BASIC INFORMATION			
Year and semester of studies	III year, VI semester	Number of ECTS credits	3,5
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teache			
Lecture (L)		10	0,4
Seminar (S)		10	0,4
Discussions (D)		30	1,2
e-learning (e-L)		-	-
Practical classes (PC)			
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completion		35	1,5

3. COURSE OBJECTIVE	
O1	basic knowledge in the field of child development and pediatrics
O2	skills in general medical examination of children in different age groups as well as symptoms and principles of treatment of diseases in childhood
O3	knowledge about the organization of the Polish paediatric health care system

4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING	
Code and number of effect of learning in accordance with standards of learning	Effects in time
Knowledge – Graduate* knows and understands:	
A.W1.	human body structures: cells, tissues, organs, and systems with particular emphasis on the stomatognathic system;

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A.W3.	structure of the human body in topographical and functional approach, with particular emphasis on the head and neck;
A.W4.	the role of the nervous system in the functioning of individual organs;
B.W4.	structure and functions of main chemical compounds present in the human body, in particular the properties, functions, metabolism and reaction energy of proteins, nucleic acids, carbohydrates, lipids, enzymes, and hormones;
B.W5.	principles of calcium and phosphate balance;
B.W16.	clinical application of genetic principles;
B.W21.	principles of metabolism and nutrition;
C.W12.	pathomechanism of selected diseases with hypersensitive background, autoimmune diseases and immunodeficiencies
D.W14.	the principles of the interdisciplinary therapeutic team;
E.W5.	basic methods of medical examination and the role of additional examinations in the diagnosis, monitoring, prognosis and prevention of organ and systemic disorders, with particular emphasis on their effects on oral tissues;
E.W6.	aetiopathogenesis and symptomatology of diseases of the respiratory, circulatory, haematopoietic, genitourinary, immunological, gastrointestinal, and musculoskeletal systems and endocrine glands, with particular emphasis on diseases with oral manifestations;
E.W12.	symptoms of acute abdominal diseases, poisoning, infection, and sepsis;
E.W13.	clinical manifestations, treatment, and prevention of droplet-transmitted infections;
E.W14.	symptoms of hepatitis, HIV infection and acquired immunodeficiency syndrome (AIDS), infectious and parasitic diseases;
E.W15.	principles of immunisation against infectious diseases occurring in various groups of patients;
E.W16.	symptoms of skin diseases, with particular emphasis on dermatoses with possible symptomatology in the oral cavity;
E.W22.	principles of diagnostic and therapeutic management of neoplasms of the head and neck;
E.W26.	life-threatening conditions;

Skills– Graduate* is able to:

C.U2.	interpret the results of microbiological, serological and antibiological tests;
D.U4.	adapt verbal communication to meet the patient's needs, expressing themselves clearly and avoiding medical jargon;
D.U6.	establish a relationship with the patient and their family to build appropriate rapport;
E.U1.	conduct differential diagnosis of the most common diseases;
E.U3.	plan diagnostic and therapeutic procedures in the case of the most common diseases;
E.U4.	interpret the results of laboratory tests;

E.U5.	identify normal and pathological structures and organs in additional imaging (X-ray, ultrasound, computed tomography – CT);
E.U9.	recognise a life-threatening risk;
E.U13.	diagnose nasopharyngeal diseases, their aetiology and pathomechanism;
E.U19.	diagnose diseases with neck and submandibular lymphadenopathy and infectious diseases, with particular emphasis on lesions in the oral cavity;

5.ADDITIONAL EFFECTS OF LEARNING

Number of effect of learning	Effects of learning in time
Knowledge – Graduate knows and understandands	
K1	-
Skills– Graduate is able to	
S1	-
Social Competencies – Graduate is ready for:	
SC1	-

6. CLASSES

Form of class	Class contents	Effects of Learning
Lectures (L)	L 1 - Stages of Children’s Physiological Development (the lecture covers the milestones of child development during the first years of life, with a focus on motor and speech development) L 2 – Common Symptoms of Illness in Children (the lecture covers the most common symptoms associated with infections and childhood illnesses) L 3 – Causes and Management of Seizures in Children (the lecture covers febrile seizures, their classification, and management during a seizure) L 4 – Life-Threatening Conditions in Children (the lecture covers the latest guidelines for performing BLS on children) L 5 – The Most Common Congenital Disorders in Children (the lecture covers genetic diagnosis, the most common congenital disorders, and genetic syndromes in children) L 6 - The Most Common Metabolic Disorders in Children (the lecture covers the early symptoms of the most common metabolic disorders in	A.W1., A.W4., E.W5.,E.W6.,E.W12., E.W5.,A.W4. E.W26. ,E.W12., E.W5. A.W1., A.W4., B.W16. B.W4.,B.W16., E.W22.,E.U19.,

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	children, as well as their diagnosis, screening, and treatment options) L 7 – Neoplasms in children (the lecture covers red flags—that is, symptoms indicating neoplastic processes—as well as their types, diagnostic options, and treatment options) L 8 – The Most Common Infectious Diseases of Childhood (the lecture covers the most common viral and bacterial diseases of childhood) L 9 -Vaccinations for children (the lecture covers the principles of immunization, including the current vaccination schedule) L 10 Principles of proper nutrition for children (the lecture covers nutrition for young children, the importance of breastfeeding, and issues related to allergies and their prevention)	E.W6.,E.W13.,E.W14. E.W15. B.W21.,
Seminars (S)	S1 – Information on the course structure, required textbooks, rules, and deadlines for completing the course, as well as information on how to assess the appropriate attitude of students participating in the course. Introduction to the subjective and objective examination of infants and young children; S2– Psychomotor developmental delay in children: (causes, diagnosis, and management) S3 – Respiratory tract infections in children (the seminar will cover the principles of diagnosing and treating respiratory tract infections) S4 –Bleeding disorders in children (the most common congenital bleeding disorders, guidelines for diagnosis and treatment) S5– Neuroinfections in children (issues related to infections of the central nervous system, principles of diagnosis and treatment) S6 – Calcium-phosphate metabolic disorders in children (symptoms, causes, diagnosis, and treatment) S7 – Head and neck tumors in children (topics include symptoms and diagnostic methods for the most common cancers of the head and neck) S8 – Autism and other mental disorders in children (symptoms, diagnostic guidelines, and management of psychiatric disorders, with a special focus on autism spectrum disorders) S9 - The most common heart defects in children (symptoms,	A.W1., D.W14. E.U3.,E.U5. C.U2.,E.W5.,E.W6. E.W6. ,E.W16. A.W4.,E.W5.,E.W12. B.W5.,E.W5. E.W22. A.W4.,B.W16. B.W16.,E.W6.,E.W5.

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	treatment and management guidelines, guidelines for the prevention of bacterial endocarditis during the perioperative Period) S10 – Jaundice, diarrhea, and other gastrointestinal concerns in children (symptoms, diagnosis, and treatment)	E.W12.,E.U4.
Practical trainings (PT)	PT1 – Guidelines for Conducting a Medical Interview with a Child and Their Caregivers PT2 –Physical Examination of Children of Various Ages. Recognizing Signs of Child Abuse. PT3 –The Most Common Diagnostic Tests Used in Pediatrics: Indications, Procedures, and Interpretation PT4 – Life-Threatening Conditions in Pediatrics: Diagnosis and Treatment PT5 – Pathological symptoms of the respiratory system in children Diagnostic Criteria, Causes, Management PT6– Pathological symptoms of the cardiovascular system in children: diagnostic principles, causes, management PT7 – Pathological symptoms of the digestive system in children: diagnostic principles, causes, and management PT8 - Skin lesions in children: diagnostic guidelines, causes, and management PT 9 — Pathological symptoms of the nervous system in children: diagnostic principles, causes and management PT10 – Pathological symptoms of the urinary tract in children: diagnostic principles, causes, and management	D.U4.,D.U6. E.W5.,A.W4. E.U1.,E.U3.,E.U4. E.U3.,E.U4.,E.U9. E.U3.,E.U4.,E.U5. E.U3.,E.U4.,E.W12., E.W14. E.W16.,E.U19. A.W4.,E.U4.,E.U5. A.W4.,E.U1. ,E.U4., E.W6., E.U4., E.U5.

7. LITERATURE

Obligatory

1.Lissauer T., Clayden G “Illustrated Textbook of Paediatrics”4th Edition

Supplementary

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8. VERIFYING THE EFFECT OF LEARNING		
Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
A.W1.,A.W3.,A.W4., B.W4. ,B.W5., B.W16.,B.W21., C.W12.,C.U2.,D.W 14.E.W5. ,E.W6. ,E.W12. E.W13. ,E.W14. , E.W15. ,E.W16. , E.W22., E.W26. , D.U4. ,D.U6.,E.U1., E.U3.,E.U4.,E.U9., E.U13., E.U19.	Active participation in seminars and exercises	
	Test exam (60 single choice questions)	
Evaluation	Credit criteria	
2,0	The student gives less than 60% of correct answers	
3,0	The student gives less than 60- 67% of correct answers	
3,5	The student gives less than 68-75% of correct answers	
4,0	The student gives less than 76-83% of correct answers	
4,5	The student gives less than 84-90% of correct answers	
5,0	The student gives less than 90% of correct answers	

9. ADDITIONAL INFORMATION
1.. Active participation in seminars and classes is a prerequisite for obtaining credit. 2. Excused absences from classes and/or exams: To justify an absence from classes or an assessment, a student is required to notify the course coordinator or another person designated by the head of the department via email or in writing no later than three business days after the date on which the class, assessment, exam, or practicum took place. Submission of an excuse after this deadline is permitted if the student was unable to submit it for valid reasons; in such cases, the document should be submitted as soon as the reason for the absence ceases to exist. Course Assessment: In the case of an excused absence from an assessment, the student is entitled to take the assessment on the next date scheduled by the department. An unexcused absence constitutes grounds for recording a failure for the course on that date. If a student fails to pass the course by the final date set by the department in a given academic year, the student will not receive credit for the course. 3. The course is completed by obtaining a positive result in the final exam.

If a student receives a failing grade on the final exam, the student is entitled to two retake opportunities. For the second retake opportunity, the student may request that the Dean allow an observer designated by the student government to be present during the test.

The Dean may grant permission to take test before a committee if justified objections are raised regarding the conduct of the test.

4. The student leaves his outer coats in the cloakroom.

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ATTENTION:

The final 10 minutes of the last class in the block/semester/year should be allocated to students’
Survey of Evaluation of Classes and Academic Teacher