

Pomorski Uniwersytet Medyczny w Szczecinie

COURSE SYLLABUS

General information

Course title: Paediatrics	
Type of course	Mandatory
Name of the Faculty of PUM	Faculty of Medicine and Dentistry
Field of study	Medicine
Specialization	-
Level of study	long-term studies
Mode of study	Full-time, part-time
Year of study /semester	Year 5, semester X and XI (blocks)
Number of allocated ECTS credits	7
Forms of teaching (number of hours)	lectures 15 hrs seminars 25 hrs practical classes 60 hrs
Ways of verifying and assessing learning outcomes ¹	<input type="checkbox"/> graded credit: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> credit without grade <ul style="list-style-type: none"> <input type="checkbox"/> final exam: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive

* mark as appropriate, changing to

	<input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of Unit	Prof. dr hab. n.med. Tomasz Urański,
Teaching assistant professor or person responsible for the course	Dr n. med. Elżbieta Kamieńska, ekamien@pum.edu.pl 601178225
Name and contact details of unit	Department of Paediatrics Haemato-Oncology and Paediatric Gastroenterology
Unit's website	https://www.pum.edu.pl/Wydziały/ Faculty of Medicine and Dentistry/ Department of Paediatrics, Haematology and Paediatric Oncology
Language of instruction	Polish/English

Detailed information

Course objectives		<p><i>To remind and supplement knowledge of the propaedeutics of paediatrics.</i></p> <p><i>To acquire by student's skills of clinical thinking, courseive and physical examination, diagnostic procedures, conducting proper differential diagnosis and proper treatment of developmental age diseases included in the curriculum of years 3, 4 and 5 of the Faculty of Medicine and Dentistry - Medical Faculty</i></p> <p><i>The ability to carry out preventive care of developmental conditions.</i></p> <p><i>To develop ethical attitude and skills of dealing with a sick child, shaping skills of dealing with parents/carers of a sick child</i></p>
Initial requirements	Knowledge	<i>He/she has knowledge acquired during the first three years of study at the Faculty of Medicine and Dentistry, especially of anatomy, embryology with histology, biochemistry, physiology and paediatric propaedeutics</i>
	Skills	<i>He/she has the ability of critical reading of professional literature, including from online sources. Thorough library preparation</i>

	Social competences	<i>Self-education, she/e has the ability to work in a team, He/she has interpersonal communication skills, ability to use emotional intelligence in a responsible way</i>
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LEARNING OUTCOMES			
Number of learning outcome	A student who has completed the COURSE know/can:	SYMBOL (reference to) learning outcomes for the field of study	Means of verifying the effects of learning outcomes *
W01	He/she knows the environmental and epidemiological conditions of the most common diseases	K_E.W1	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W02	He/she knows the environmental and epidemiological conditions of the most common diseases	K_E.W2	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W03	He/she knows knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common diseases of children: a) rickets, tetany, convulsions, heart defects, myocarditis, endocarditis and pericarditis, cardiomyopathy, cardiac arrhythmias, heart failure, hypertension, syncope, acute and chronic diseases of the upper and lower respiratory tract, congenital respiratory defects, tuberculosis, cystic fibrosis, asthma, allergic rhinitis, urticaria,	K_E.W3	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam

	<p>anaphylactic shock, angioedema, anaemias, haemorrhagic diathesis, bone marrow failure conditions, childhood cancers, including solid tumours typical of childhood,</p> <p>acute and chronic abdominal pain, vomiting, diarrhoea, constipation, gastrointestinal bleeding, peptic ulcer disease, inflammatory bowel diseases, pancreatic diseases, cholestasis and liver diseases, other acquired diseases and congenital defects of the gastrointestinal tract, urinary tract infections, congenital anomalies of the urinary tract, nephrotic syndrome, renal calculi, acute and chronic renal failure, acute and chronic nephritis, systemic kidney diseases, urinary diversion disorders, vesicoureteral reflux disease, growth disorders, thyroid and parathyroid diseases, adrenal diseases, diabetes, obesity, puberty and gonadal dysfunction, cerebral palsy, encephalitis and meningitis, epilepsy,</p> <p>the most common childhood infectious diseases, genetic syndromes</p> <p>(k) connective tissue diseases, rheumatic fever, juvenile arthritis, systemic lupus, dermatomyositis</p>		
W04	<p>He/she knows about: abused children and sexual abuse, mental retardation, behavioural disorders: psychoses, addictions, eating and excretion disorders in children</p>	K_E.W4	<p>Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam</p>
W05	<p>He/she knows the most common life-threatening conditions in children and how to deal with them</p>	K_E.W6	<p>Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and</p>

			practical exam
W06	He/she knows the symptoms of mental disorders in the course of somatic diseases, their impact on the course of the underlying disease and prognosis, and the principles of their treatment	K_E.W20	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W07	He/she knows the environmental and epidemiological conditions of the most common human cancers	K_E.W23	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W08	He/she knows the basics of early cancer detection and principles of screening in oncology	K_E.W24	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W09	He/she knows the possibilities of modern cancer therapy (including multimodal therapy), the perspectives of cellular and gene therapies and their adverse effects	K_E.W25	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W10	He/she knows the principles of combined therapies in oncology, algorithms of diagnostic and therapeutic management	K_E.W26	Verification of the effects of learning outcomes performer on the ongoing basis

	in the most common human cancers		during seminars and practical classes, test credit of a block of classes, final test and practical exam
W11	He/she knows the principles of pain management, including cancer and chronic pain	K_E.W29	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W12	He/she knows and understands the causes, symptoms, principles of diagnosis and therapeutic and prophylactic management of the most common bacterial, viral, parasitic and fungal diseases, including pneumococcal infections, viral hepatitis, acquired immunodeficiency, AIDS, sepsis and nosocomial infections	K_E.W32	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
W14	He/she knows the types of biological materials used in laboratory diagnosis and the rules of collecting material for tests	K_E.W37	Verification of the effects of learning outcomes performer on the ongoing basis during seminars and practical classes, test credit of a block of classes, final test and practical exam
U01	He/she takes a medical history with the child and their family		
U02	He/she performs a physical examination on a child of any age	K_E.U4	Verification in the form of testing practical skills
U03	He/she assesses the general condition, state of consciousness and awareness of the patient	K_E.U7	Verification in the form of testing practical skills

U04	He/she assess the newborn's condition on the Apgar scale and evaluate its maturity, can examine neonatal reflexes	K_E.U8	Verification in the form of testing practical skills
U05	He/she compares anthropometric and blood pressure measurements with data on centile grids;	K_E.U9	Verification in the form of testing practical skills
U06	He/she assess the stage of puberty	K_E.U10	Verification in the form of testing practical skills
U07	He/she carries out balance sheet audits	K_E.U11	Verification in the form of testing practical skills
U08	performs differential diagnosis of the most common diseases of adults and children	K_E.U12	Verification in the form of testing practical skills
U09	He/she assess and describe the patient's somatic and psychological state	K_E.U13	Verification in the form of testing practical skills
U010	He/she knows identifies life-threatening conditions	K_E.U14	Verification in the form of testing practical skills
U011	He/she knows identifies the state after consumption of alcohol, drugs and other substances	K_E.U15	Verification in the form of testing practical skills
U012	He/she plans diagnostic, therapeutic and preventive procedures	K_E.U16	Verification in the form of testing practical skills
U013	He/she carries out an analysis of the possible adverse reactions to and interactions with individual drugs	K_E.U17	Verification in the form of testing practical skills
U014	He/she proposes individualisation of existing therapeutic guidelines and other methods of treatment in the event of ineffectiveness of or contraindications to standard therapy	K_E.U18	Verification in the form of testing practical skills
U015	He/she interprets laboratory tests and identify causes of deviations	K_E.U24	Verification in the form of testing practical skills

UO16	He/she applies nutritional therapy (including enteral and parenteral nutrition)	K_E.U25	Verification in the form of testing practical skills
UO17	He/she plans the management of exposure to blood-borne infections	K_E.U26	Verification in the form of testing practical skills
UO18	He/she qualifies the patient for vaccination	K_E.U27	Verification in the form of testing practical skills
UO19	He/she collects material for tests used in laboratory diagnosis	K_E.U28	Verification in the form of testing practical skills
UO20	He/she performs basic medical procedures and treatments including: (a) measurement of body temperature, measurement of heart rate, non-invasive measurement of blood pressure, monitoring of vital signs with a cardiomonitor, pulse oximetry, spirometry, oxygen therapy, assisted and replacement ventilation inserting an oropharyngeal tube, intravenous, intramuscular and subcutaneous injections, peripheral venous cannulation, collection of peripheral venous blood, collection of blood cultures, collection of arterial blood, collection of arterialised capillary blood, taking nasal, throat and skin swabs, pleural puncture, bladder catheterisation in women and men, gastric tube, gastric lavage, enema, h) standard resting electrocardiogram with interpretation of electrical cardioversion and cardiac defibrillation, (i) simple strip tests and blood glucose measurement	K_E.U29	Verification in the form of testing practical skills
UO21	He/she assists in carrying out the following medical procedures and treatments: a) transfusion of blood and blood products b) drainage of the pleural cavity c) pericardial puncture, d) peritoneal puncture, e) lumbar puncture,	K_E.U30	Verification in the form of testing practical skills

	f) fine needle biopsy, g) epidermal tests, h) intradermal and scarification tests, and interpret their results		
UO22	He/she implements basic medical treatment for acute poisoning	K_E.U33	Verification in the form of testing practical skills
K01	He/she accepts the need for ethical standards;	K_K01	Verification in the form of testing practical skills
K02	He/she understands the concept and the need for responsibility for entrusted goods	K_K02	Verification in the form of testing practical skills
K03	He/she demonstrate the habit of self-education, understand the need for lifelong learning, be able to inspire and organise the learning process of others	K_K03	Verification in the form of testing practical skills
K04	He/she cooperates with team members; is able to work in a group and take on different roles	K_K04	Verification in the form of testing practical skills
K05	He/she observes the correct relations between the examiner and the course during the observations and functional tests	K_K05	Verification in the form of testing practical skills
K06	He/she is able to formulate opinions concerning various aspects of professional classes	K_K06	Verification in the form of testing practical skills
K07	He/she demonstrates an attitude promoting health and physical classes	K_K07	Verification in the form of testing practical skills
K08	He/she is aware of the social and cultural differences that influence the individual interpretation of a life situation	K_K08	Verification in the form of testing practical skills
K09	He/she accepts the autonomy of each person	K_K09	Verification in the form of testing practical skills
K10	He/she accepts the need to speak a	K_K10	Verification in the form of testing

	foreign language		practical skills
K11	He/she is aware of patients' rights	K_K11	Verification in the form of testing practical skills
K12	He/she is able to solve the most common professional problems	K_K12	Verification in the form of testing practical skills
K13	He/she shows concern for the prestige of the profession	K_K13	Verification in the form of testing practical skills
K14	He/she is able to maintain medical confidentiality	K_K14	Verification in the form of testing practical skills
K15	He/she is able to take care of his/her own safety, as well as that of his/her surroundings and colleagues	K_K15	Verification in the form of testing practical skills
K16	He/she is able to set priorities, as appropriate, in order to accomplish tasks defined by him/herself or by others	K_K16	Verification in the form of testing practical skills
K17	He/she is aware of his/her own limitations and knows when to seek expert advice	K_K17	Verification in the form of testing practical skills
K18	He/she shows leadership and entrepreneurship, can organise teamwork	K_K18	Verification in the form of testing practical skills
K19	He/she is aware of religious feelings and other people's beliefs about the human body	K_K19	Verification in the form of testing practical skills
K20	He/she demonstrates respect for patients/clients/social groups out of concern for their welfare	K_K20	Verification in the form of testing practical skills

Table of learning outcomes in relation to the form of classes								
Number of learning outcome	Learning outcomes	Form of the classes						
		Lecture	Seminar	Practical classes	Clinical practical classes	Simulations	E-learning	Other forms
W01	K_E.W1	X	X	X				
W02	K_E.W2	X	X	X				
W03	K_E.W3	X	X	X		X		
W04	K_E.W4	X	X	X				
W05	K_E.W6	X	X			X		
W06	K_E.W20	X	X					
W07	K_E.W23	X	X					
W08	K_E.W24	X	X					
W09	K_E.W25	X	X					
W10	K_E.W26	X	X					
W11	K_E.W29	X	X					
W12	K_E.W32	X	X					
W14	K_E.W37	X	X					
U01	K_E.U2			X				
U02	K_E.U4			X				
U03	K_E.U7			X				
U04	K_E.U8			X				
U05	K_E.U9			X				
U06	K_E.U10			X				
U07	K_E.U11			X				
U08	K_E.U12			X				
U09	K_E.U13			X				
U10	K_E.U14	X		X		X		
U11	K_E.U15			X				
U12	K_E.U16			X				
U13	K_E.U17			X				
U14	K_E.U18			X				
U15	K_E.U24		X	X				
U16	K_E.U25		X	X				
U17	K_E.U26			X				
U18	K_E.U27			X				
U19	K_E.U28			X				
U20	K_E.U29			X				
U21	K_E.U30			X				
U22	K_E.U33			X				
K01	K_K01			X				
K02	K_K02			X				
K03	K_K03			X				
K04	K_K04			X				

K05	K_K05			X				
K06	K_K06			X				
K07	K_K07			X				
K08	K_K08			X				
K09	K_K09			X				
K10	K_K10			X				
K11	K_K11			X				
K12	K_K12			X				
K13	K_K13			X				
K14	K_K14			X				
K15	K_K15			X				
K16	K_K16			X				
K17	K_K17			X				
K18	K_K18			X				
K19	K_K19			X				
K20	K_K20			X				

TABLE OF CURRICULUM CONTENT			
curriculum content	Curriculum content	Number of hours	Reference to the learning outcomes for the COURSE
YEAR 5 block/module classes			
Lectures			
TK01	Platelet haemorrhagic septicaemia	1	K_E.W1, K_E.W3, K_E.W20
TK02	Plasma haemorrhagic septicaemia	1	K_E.W1, K_E.W3, K_E.W20
TK03	Leukaemias in children	1	K_E.W1, K_E.W3, K_E.W20
TK04	Lymphomas in children	1	K_E.W1, K_E.W3, K_E.W20
TK05	Anaemias of childhood	1	K_E.W1, K_E.W3, K_E.W20
TK06	Paediatric emergencies	1	K_E.W1, K_E.W3, K_E.W20
TK07	Chronic diarrhoea	1	K_E.W1, K_E.W3, K_E.W20

TK08	Food allergies	1	K_E.W1, K_E.W3, K_E.W20
TK09	The most common childhood infections	1	K_E.W1, K_E.W3, K_E.W20
TK10	Cystic fibrosis	1	K_E.W1, K_E.W3, K_E.W20
TK11	Bronchial asthma	1	K_E.W1, K_E.W3, K_E.W20
TK12	Solid tumours in children	1	K_E.W1, K_E.W3, K_E.W20
TK13	Brain tumours in children	1	K_E.W1, K_E.W3, K_E.W20
TK14	Immune disorders in children	1	K_E.W1, K_E.W3, K_E.W20
TK15	Kidney diseases in children	1	K_E.W1, K_E.W3, K_E.W20
Seminars			
TK01	Haemorrhagic septicaemia in children	2	K_E.W1, K_E.W3, K_E.W20
TK02	Hypertension	1	K_E.W1, K_E.W3, K_E.W20, K_E.U12, K_E.U13
TK03	Acute and chronic renal failure	1	K_E.W1, K_E.W3, K_E.W20, K_E.U12, K_E.U13
TK04	Anaemias in children	2	K_E.W1, K_E.W3, K_E.U12, K_E.U13
TK05	Brain tumours in children	1	K_E.W1, K_E.W3, K_E.W20, K_E.W23, K_E.W24, K_E.W25, K_E.W26, K_E.W29, K_E.U12, K_E.U13, K_E.U25
TK06	Cystic fibrosis	1	K_E.W1, K_E.W3, K_E.W20, K_E.U12,

			K_E.U13, K_E.U25
TK07	Pediatric emergencies. Poisoning	3	K_E.W1, K_E.W3, K_E.W4, K_E.W6, K_E.U8, K_E.U12, K_E.U13, K_E.U14, K_E.U15, K_E.U30
TK08	Acute and chronic diarrhoea. Food allergies	2	K_E.W1, K_E.W2, K_E.W3, K_E.W4, K_E.U12, K_E.U13, K_E.U25
TK09	Respiratory tract infections in children	1	K_E.W1, K_E.W3, K_E.W32, K_E.U12, K_E.U13
TK10	Peptic ulcer disease, GERD, constipation in children	1	K_E.W1, K_E.W3, K_E.U12, K_E.U13
TK11	Childhood asthma	1	K_E.W1, K_E.W3, K_E.U12, K_E.U13
TK12	Leukaemias and lymphomas in children	2	K_E.W1, K_E.W3, K_E.W20, K_E.W23, K_E.W24, K_E.W25, K_E.W26, K_E.W29, K_E.U12, K_E.U13, K_E.U25
TK13	Immune disorders in children	1	K_E.W1, K_E.W2, K_E.W3, K_E.W20, K_E.W32, K_E.U12, K_E.U13, K_E.U27
TK14	Nephrotic syndrome in children. Urinary tract infections	2	K_E.W1, K_E.W3, K_E.W32, K_E.U12, K_E.U13
TK15	Solid tumours in children	1	K_E.W1, K_E.W3, K_E.W20, K_E.W23, K_E.W24, K_E.W25, K_E.W26, K_E.W29, K_E.U12, K_E.U13, K_E.U25
TK16	Systemic connective tissue diseases	1	K_E.W1, K_E.W3, K_E.W20, K_E.U12,

			K_E.U13
TK17	Skin rashes in children	1	K_E.W1, K_E.W3, K_E.W20, K_E.U12, K_E.U13
TK18	Most common laboratory abnormalities in children	1	K_E.W1, K_E.W3, K_E.W20, K_E.U12, K_E.U13
Practical classes			
TK01	Abdominal pains	4	K_E.W3, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK02	Infections	4	K_E.W1, K_E.W3, K_E.W32, K_E.W37, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK03	Acute and chronic diarrhoea	4	K_E.W1, K_E.W2, K_E.W3, K_E.W4,

			<p>K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U12, K_E.U13, K_E.U24, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20</p>
TK04	Glomerulonephritis	4	<p>K_E.W1, K_E.W2, K_E.W3, K_E.W4 K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U9, K_E.U10, K_E.U11, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U25, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20</p>
TK05	Emergencies in children	4	<p>K_E.W3, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U12, K_E.U13, K_E.U24, K_E.U26, K_E.U28, K_E.U29, K_E.U30, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20</p>

TK06	Peptic ulcer disease in children	4	K_E.W1, K_E.W3, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U25, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK07	Inflammatory bowel disease	4	K_E.W1, K_E.W3, K_E.W20, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U9, K_E.U10, K_E.U11, K_E.U12, K_E.U13, K_E.U25, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U25, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK08	Food allergies	4	K_E.W3, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U11, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U28, K_E.U29, K_E.U30, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10,

			K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK09	Brain tumours in children	4	K_E.W1, K_E.W3, K_E.W20, K_E.W23, K_E.W24, K_E.W25, K_E.W26, K_E.W29, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U11, K_E.U12, K_E.U13, K_E.U24, K_E.U25, K_E.U26, K_E.U29, K_E.U30, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK10	Solid tumours in children	4	K_E.W1, K_E.W3, K_E.W20, K_E.W23, K_E.W24, K_E.W25, K_E.W26, K_E.W29, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U9, K_E.U10, K_E.U11, K_E.U12, K_E.U13, K_E.U14, K_E.U24, K_E.U25, K_E.U26, K_E.U29, K_E.U30, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK11	Tumours of the haematopoietic and lymphatic system	4	K_E.W1, K_E.W3,

			<p>K_E.W20, K_E.W23, K_E.W24, K_E.W25, K_E.W26, K_E.W29, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U11, K_E.U12, K_E.U13, K_E.U14, K_E.U24, K_E.U25, K_E.U26, K_E.U29, K_E.U30, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20</p>
TK12	Haemorrhagic septicaemia	4	<p>K_E.W1, K_E.W3, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U12, K_E.U13, K_E.U14, K_E.U24, K_E.U26, K_E.U29, K_E.U30, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20</p>
TK13	Anaemias in children. Immune disorders in children	4	<p>K_E.W1, K_E.W2, K_E.W3, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U9, K_E.U10, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U26, K_E.U27, K_E.U29, K_E.U30, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07,</p>

			K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK14	Urinary tract infections in children	4	K_E.W1, K_E.W3, K_E.W32, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK15	Acute and chronic renal failure	4	K_E.W1, K_E.W3, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U26, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
Simulation			
TK1	Emergencies in children	2	K_E.W3, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U12, K_E.U13, K_E.U24, K_E.U26, K_E.U28, K_E.U29, K_E.U30,

			K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK2	Abdominal pains	2	K_E.W1, K_E.W3, K_E.W32, K_E.W37, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20
TK3	Infections in children	2	K_E.W1, K_E.W3, K_E.W32, K_E.W37, K_E.W37, K_E.U2, K_E.U4, K_E.U7, K_E.U10, K_E.U12, K_E.U13, K_E.U16, K_E.U17, K_E.U18, K_E.U24, K_E.U28, K_E.U29, K_K01, K_K02, K_K03, K_K04, K_K05, K_K06, K_K07, K_K08, K_K09, K_K10, K_K11, K_K12, K_K13, K_K14, K_K15, K_K16, K_K17, K_K18, K_K19, K_K20

Recommended literature:
Reference literature
1. Pediatria J. J. Pietrzyk, P. Kwinta t. 1-3 Wydawnictwo UJ Kraków 2018
2. Pediatria. Podręcznik do Państwowego Egzaminu Lekarskiego i egzaminu specjalizacyjnego. Red. Anna Dobrzańska, Józef Ryżko. Wydawnictwo Medyczne Urban & Partner, 2014, wyd 2
Complementary literature
1. Pediatria red. Tom Lissauer, Will Carroll red. wyd. pol. Andrzej Milanowski Elsevier Urban & Partner Wrocław 2019, wyd. 5.

Student workload	
Form of student workload (course attendance, student's involvement, report preparation, etc.)	Student workload [h]
	In the teacher's assessment (opinion)
Contact hours with the teacher	0
Preparation for practical classes/seminar	50
Reading of designated literature	100
Writing a lab/practical classes report/preparing a project/reference paper, etc.	0
Preparation for the test/colloquium	10
Preparation for the examination	50
Other	
Total student workload	210
ECTS credits	7
Notes	

*Example ways to verify learning outcomes:

EP - written exam

EU - oral test

ET - test exam

EPR - practical test

K - colloquium

R - paper

S - testing of practical skills

RZĆ - report on practical classes with discussion of results

O - assessment of student's involvement and attitude

SL - Laboratory report

SP - case study

PS - assessment of ability to work independently

W - a short test before the beginning of class

PM - multimedia presentation

and other