



Summer Semester													
Direct (contact) education					35								
Online learning (synchronous)	10												
Online learning (asynchronous)													
TOTAL per year:													
Direct (contact) education					35								
Online learning (synchronous)	10												
Online learning (asynchronous)													
Educational objectives (max. 6 items)													
C1. The student learns distinct developmental age of the child.													
C2. The student becomes familiar with the principles of nutrition of healthy and sick children, with particular emphasis on breastfeeding.													
C3. The student learns the principles of subjective and objective examination of children.													
C4. The student learns the basic symptomatology of childhood diseases.													
C5. The student becomes familiar with the proceedings in a life-threatening condition in children.													
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class													
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to				Methods of verification of intended education results (forming and summarising)				Form of didactic class <i>**enter the abbreviation</i>			
W 01		The student knows the principles of natural and artificial feeding, expansion schemes diet. Explains the principles of balance sheet health.				Oral answer				L, CC			
W 02		The student knows the basic methods of the medical examination, the role of additional tests in the diagnosis and treatment of childhood diseases				Oral answer				L, CC			
W03		Student presents etiopathogenesis and symptomatology of diseases of the nervous system, respiratory, haematological, urinary, endocrine, and gastrointestinal tract.				Oral answer				L, CC			
W04		The student recognizes life-threatening situations, knows the rules of conduct, know when to refer a patient to the hospital				Oral answer				L, CC			



U 01		The student conducts medical history of the child and his guardian.		CC
U02		The student describes the somatic and mental state of the patient and presents selected anthropometric parameters on percentile charts.	Continuous assessment during exercise by the teacher. Oral response during exercise.	CC
U03		The student interprets the results of additional basic research, draws conclusions from research.		CC
U04		The student performs basic medical procedures and treatments: temperature, pulse, blood pressure, monitoring of vital signs using a cardio-monitor, pulse oximeter, and assist with intramuscular and subcutaneous injection.	Continuous assessment during exercise by the teacher. Oral response during exercise.	CC
U05		The student recognizes life-threatening situations, and gives appropriate medication.		CC
K 01		Student respects medical confidentiality.	Continuous assessment during exercise by the teacher.	CC
K02		The student communicates with the child and parents in a friendly and empathetic manner.		CC
K03		Student works in a group, and with other members of the medical profession.		CC
K04		The student is active in the classroom, taking part in the discussion, presenting cases.		CC

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories:
communication of knowledge, skills or forming attitudes:
Knowledge: +++
Skills: +++
Social competences: ++

Student's amount of work (balance of ECTS points)



Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	45
2. Online learning hours (e-learning):	25
3. Student's own work (self-study):	70
Total student's workload	
ECTS points for module/course	2
Comments	
Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)	
Lectures 1. Child's development, the impact of endo-and exogenous factors on development and congenital malformations, including the craniofacial region. Diseases of the lips, tongue, oral cavity, salivary glands and lateral nose cavities.. 2. Selected topics of pediatric gastroenterology 3. Selected topics of the respiratory tract. 4. Diatheses: plasmatic, platelet, vascular. Pediatric anemias. 5. Selected topics of pediatric nephrology.	
Seminars none	
Practical classes 1. The rules of newborn and infant nursing. Breast feeding. The advantages and features of mother's milk. Formula feeding, content of infant formulas. Physical examination and history taking – pediatric peculiarities. 2. The child's psychophysical development, methods of assessment, developmental charts. Measurement of length, body mass, blood pressure, respiratory rate and pulse. Dentition in various developmental periods. Physical examination - cd. 3. Rickets in children. Vitamin A, C, B2, B6 deficiency. Convulsive states in children, causes, treatment. 4. Diseases of the respiratory tract: acute and chronic inflammatory disorders, asthma. 5. Selected hematological issues and cancers in children. 6. Kidney diseases: urinary tract infection, kidney stone disease, glomerulonephritis, renal failure. 7. Selected endocrinological aspects: diabetes, hypo-/typerthyreosis, adrenal cortical insufficiency/Cushing syndrome. 8. Connective tissue diseases: lupus nephritis, juvenile idiopathic arthritis. 9. Abdominal pain in children - causative factors, diagnostics, acute and chronic diarrheas. 10. Selected topics of cardio-vascular disease in children 11. Pediatric emergencies: diagnosis and treatment. 12. Final test and credit gaining.	
Other 1. 2. 3.	



<i>etc. ...</i>
<p>Basic literature (list according to importance, no more than 3 items)</p> <ol style="list-style-type: none"> 1. Pediatrics Tom Lissauer, Graham Clayden eds. 2. Bates' guide to physical examination and history taking Lynn E.Bickley 3. <p>Additional literature and other materials (no more than 3 items)</p> <ol style="list-style-type: none"> 1. Nelson's Pediatrics 2. 3.
<p>Didactic resources requirements (e.g. laboratory, multimedia projector, other...)</p> <p>Projector, patient histories, stethoscope, sphygmometer.</p>
<p>Preliminary conditions (minimum requirements to be met by the student before starting the module/course)</p>
<p>Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)</p> <p>Presence during classes, oral assessment during exercise, oral exam.</p>

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	Knowledge of more than 90% of topics
Good Plus (4.5)	Knowledge of 85 -90% of topics
Good (4.0)	Knowledge of 80 - 84% of topics
Satisfactory Plus (3.5)	Knowledge of 70 - 79% of topics
Satisfactory (3.0)	Knowledge of 60 - 69% of topics
	Criteria (only for courses/modules ending with e credit)
Credit	As above

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	Knowledge of more than 90% of topics
Good Plus	Knowledge of 85 -90% of topics



(4.5)	
Good (4.0)	Knowledge of 80 - 84% of topics
Satisfactory Plus (3.5)	Knowledge of 70 - 79% of topics
Satisfactory (3.0)	Knowledge of 60 - 69% of topics
Unit realizing the subject	Dpt of Paediatric Nephrology, 2 nd Dpt of Paediatrics, Gastroenterology and Nutrition
Unit address	Ul. Borowska 213, ul M. Skłodowskiej-Curie 50/52
Telephone	71 736 44 00
E-Mail	Secretariat - barbara.wrobel@umed.wroc.pl

Person responsible for module	Prof. dr hab. Irena Makulska
Coordinator	Prof. dr hab. Irena Makulska
Telephone	71 736 44 20
E-Mail	irena.makulska@umed.wroc.pl

List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Katarzyna Kiliś-Pstrusińska	Prof, MD, PhD	medicine	pediatrician, nephrologist, pediatric nephrologist	classes
Kinga Musiał	Prof, MD, PhD	medicine	pediatrician, nephrologist, pediatric nephrologist	Lectures, classes
Agnieszka Pukajło-Marczyk	MD, PhD	medicine	pediatrician, pediatric nephrologist	classes
Konstancja Fornalczyk	MD, PhD	medicine	pediatrician, pediatric nephrologist	classes
Katarzyna Prościak	MD	medicine	In the course of specialization in	classes



			pediatric nephrology	
Andrzej Stawarski	MD, PhD	medicine	pediatrician, gastroenterologist	classes
Krystyna Mowszet	MD, PhD	medicine	pediatrician, gastroenterologist	classes
Tomasz Pytrus	MD, PhD	medicine	pediatrician, gastroenterologist	classes
Elżbieta Krzesiek	MD, PhD	medicine	pediatrician, gastroenterologist	classes
Anna Kofla - Dłubacz	MD, PhD	medicine	pediatrician, pediatric gastroenterologist	classes
Agnieszka Borys-Iwanicka	MD, PhD	medicine	pediatrician, pediatric gastroenterologist	classes
Katarzyna Akutko	MD, PhD	medicine	pediatrician, in the course of specialization in pediatric gastroenterology	classes
Tatiana Jamer	MD, PhD	medicine	pediatrician, in the course of specialization in pediatric gastroenterology	classes
Paweł Maleika	MD	medicine	doctor	classes
Anna Danczewicz	MD	medicine	doctor	classes
Joanna Braksator	MD	medicine	pediatrician	classes
Paula Grembska	MD	medicine	doctor	classes
Natalia Olszak	MD	medicine	doctor	classes

Date of Syllabus development

21.09.2020 r.....

Syllabus developed by

Prof dr hab n. med. Irena Makulska

Dr hab n. med. Anna Medyńska



Signature of Head of teaching unit

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Signature of Faculty Dean

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