COURSE UNIT DESCRIPTION

Course unit title	Code
General Paediatrics and Neonatology, Part II (2023-2024)	

Lecturer(s)	Department(s)
Coordinating: Assoc. prof. Sigita Petraitienė Others: Prof. Hab. Dr. Arūnas Valiulis, Prof. Dr. Rimantė Čerkauskienė, Prof. Dr. Augustina Jankauskienė, Prof. Dr. Odilija Rudzevičienė, Prof. Dr. Vaidotas Urbonas, Assoc. prof. Karolis Ažukaitis, Assist. Dr. Agnė Jagelavičienė, Assist. Dr. Odeta Kinčinienė, Young Assist. Ieva Adomaitė, Lect. Dr. Robertas Kemežys.	Vilnius University, Medical Faculty, Clinic of Children Diseases, Santariškių str. 4, Vilnius

Cycle	Level of the course unit	Type of the course unit
cycle (integrated studies)		Compulsory

Mode of delivery	Period of delivery	Language of instruction
Face-to-face	Year IV, semester VII;	English

Prerequisites and co requisites	
Prerequisites: A student must have completed the following courses: Human anatomy, Human histology, Human physiology, Biochemistry, Microbiology, Pharmacology, Propaedeutics of Internal medicine.	**Co requisites (if any):** No

Number of ECTS credits allocated to the course unit	Total student's workload	Contact hours	Self-study hours
5	133	66	67

Purpose of the course unit Programme competences to be developed		
Aim – to learn symptoms,aetiology, diagnostics, treatment and prophylactics of most common children diseases (allergic, respiratory tract, gastroenteric tract, urinary tract and endocrine system) in any paediatric age. At the end of course student must be able to examine child in any age, to know possibilities and methods of laboratory and instrumental testing, to know diagnostics, treatment and prevention/prophylaxis of common (respiratory, digestive, urinary tract, endocrine and allergic) children diseases.		
Learning outcomes of the course unit	**Teaching and learning methods**	**Assessment methods**
Generic competences **After successful graduation of program student will be competent to:**		
To act fairly and according to ethical obligations, think critically and self-critically, to evaluate an assessment within the scope of one's competence, and if it's necessary, ask for help, communicate and work in multicultural surround and international context, reach general goal	Lectures and seminars in classrooms, practical tasks at child's bedside in hospital and simulator classroom: groups discussion and case analysis	Continuing assessment during practical tasks in division of children diseases and simulator classroom: individual and team interview, oral case presentation and discussion, relational assessment of knowledge
Collect, critically, analyse and generate learning information, to learn, including independent life-long learning. Use knowledge in practice, cooperate with specialists of other fields and experts of other sciences	Practical tasks at child's bedside in hospital and simulator classroom: groups discussion and case analysis	Preparing of papers and review, case history analysis, assessment of awareness,
Subject-specific competences		

After successful graduation of program student will be competent to:		
Take history from children in any age and their relatives, use the data adequately for making clinical decisions.	Lectures and seminars in classrooms, practical tasks at child's bedside in hospital: case analysis, groups discussion and preparing of papers (academic paediatric clinical case history)	Oral case presentation, case analysis, paper assessment,
Carry out physical examination of different age children, using skills of inspection, palpation, percussion and auscultation	Practical tasks at child's bedside in hospital: case analysis, groups discussion and preparing of papers (academic paediatric clinical case history)	Continuing assessment during practical tasks in division of children diseases, paper assessment,
Make clinical judgement and decisions indicating laboratory and instrumental testing in clinical case, value their results	Practical tasks at child's bedside in hospital: case analysis, groups discussion, brain storming, and preparing of papers (academic paediatric clinical case history)	Continuing assessment during practical tasks in division of children diseases, paper assessment,
Know diagnostics, treatment and prevention of the most common paediatric diseases (respiratory, gastrointestinal, urinary tract and allergy, endocrine)	Lectures and seminars in classrooms, practical tasks at child's bedside in hospital: case analysis, groups discussion and preparing of papers (academic paediatric clinical case history)	Continuing assessment during practical tasks in division of children diseases, paper assessment, written examination at the end of course as part of portfolio exam in plan
Recognize electrocardiogram of healthy child from one's with the most common heart diseases	Lectures, practical tasks at child's bedside in hospital, groups discussion	Written examination at the end of course as part of portfolio exam in plan

Topics	Contact work hours						Time and tasks of self-study
	Lectures	Consultations	Seminars	Practice	**Total contact hours**	**Self-study**	**Tasks**
Peculiarities of paediatric electrocardiogram	2				**2**	**2**	Renew methods of taking electrocardiogram in children and it's result interpretation
The most common paediatric respiratory diseases: classification, diagnostics, differentials, treatment and prevention	2		8	6	**16**	**16**	Preparing for practices about: the most common diseases of upper respiratory tract, acute diseases of lower respiratory tract with prevalent infective syndrome, acute diseases of lower respiratory tract with prevalent obstructive syndrome, about the most common chronic respiratory diseases in children accenting on etiopathogenesis, diagnostic, treatment and prevention according to different paediatric age

The most common paediatric digestive tract diseases: classification, diagnostics, differentials, treatment and prevention	2		4	5	**11**	**11**	Preparing for practices about diseases of children oesophagus and stomach, paediatric malabsorption and celiac, functional disorders of digestive tract and constipation accenting on etiopathogenesis, diagnostic, treatment and prevention according to different paediatric age
The most common allergies in paediatric patients: diagnostics, differentials, treatment and prevention	2		4	5	**11**	**12**	Preparing for practices about skin allergies, digestive allergies, allergic rhinitis and conjunctivitis accenting on etiopathogenesis, diagnostic, treatment and prevention according to different paediatric age.
The most common diseases of urinary tract and micturition disorders in children: diagnostics, differentials, treatment and prevention	4		4	5	**13**	**13**	Preparing for practices about children urinary infections and diseases manifesting with nephritic and nephrotic syndrome, accenting on etiopathogenesis, diagnostic, treatment and prevention according to different paediatric age
The most common diseases of endocrine system in children: diagnostics, differentials, treatment and prevention	4		4	5	**13**	**13**	To prepare about classification, diagnostics and therapy of paediatric diabetes mellitus, and diagnostics and treatment of acute complication - diabetic ketoacidosis. Paediatric obesity and type 2 diabetes. To prepare about acquired and congenital adrenocortical disturbances in children, diagnostic and treatment principles of paediatric adrenal diseases. Disorders of growth and puberty.
Total	**16**		**24**	**26**	**66**	**67**	

Assessment strategy	**Weight (points)**	**Assessment period**	**Assessment criteria**
Writing tests, as part of portfolio examination in plan	Up to 10	During the Practices	Five tests – gastroenterology, pulmonology, allergy, nephrology, endocrinology – maximum 2 points each.
Academic paediatric clinical case history ("Case report"), as part of portfolio examination in plan	Up to 20	During the Practices	Paper assessment according the given recommendations.
Computerised exam at the end of module	Up to 50	At the end of Practices during the appointed day.	Final score is a sum of all the points collected during two terms studies and the computerised exam. Final evaluation is possible only if all the assessments are done.
Final evaluation			

Final score (points)	**Final evaluation (marks)**
100-92	10 (excellent)
91-85	9 (very well)
84-75	8 (good)
74-65	7 (average)
64-55	6 (satisfactory)
54-50	5 (weak)
<50	4 (unsatisfactory)

Author	Year of publication	Title	No of periodical or vol. of publication	Publication place and publisher or Internet link
Required reading				
Robert M. Kliegman	2020	Nelson Textbook of Paediatrics	21st edition	Available throw VU Subscribed Scientific Databases - ClinicalKey
Tom Lissauer Will Carroll	2021	Illustrated Textbook of Paediatrics'	6th edition	Available throw VU Subscribed Scientific Databases – Elsevier
Recommended reading				
Mark H. Swartz MD	2014	Textbook of Physical Diagnosis. Basic chapter 21, with references to other parts of textbook		Available throw VU Subscribed Scientific Databases -ClinicalKey
Learning website "ClinicalKey"				Available throw VU library
Learning website "Medscape"				Available throw VU library