University of Gdańsk

Subject card

Subject name and code	Introduction to pediatrics, PG_00203395						
Field of study	Medical Biology						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Optional subject group			
Mode of study	full-time studies		Mode of delivery	at the university			
Year of study	2		Language of instruction	Polish			
Semester of study	4		ECTS credits	2.0			
Learning profile	academic		Assessment form	exam			
Conducting unit	Department of Molecular Biology -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Sylwia Bloch					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours	Self-study	SUM	
	Number of study hours	30		4.0	16.0	50	
Subject objectives	• Presenting the stages of a child's life, the differences in developmental age, • Familiarizing students with the issues of selected childhood diseases and diagnostic possibilities in individual cases, • Discussion of selected diagnostic algorithms, • Preparing students to cooperate with a medical team, with particular emphasis on the interpretation of diagnostic tests.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOLMEDL3_W11] has advanced knowledge of methods for assessing health status, as well as the symptoms and causes of selected disorders and pathological changes; understands the basics of a healthy lifestyle and is able to explain and promote them	has basic knowledge of methods for assessing health status and the symptoms and causes of selected disorders and disease lesions, and knows the basics of disease prevention, is able to justify and promote them	[SW4] test/exam - oral or written
[BIOLMEDL3_W05] has an advanced knowledge of the structure, properties and functions of human cells, tissues and organs; human physiological and biochemical processes and mechanisms of disease pathophysiology	knows the structure and functions of organ systems in developmental age and the pathophysiology of basic diseases of developmental age	[SW4] test/exam - oral or written
[BIOLMEDL3_W07] has advanced knowledge of medical biology and is familiar with the health sciences terminology	has basic knowledge of human development and knows the terminology of health sciences	[SW1] oral statement/ conversation/discussion
[BIOLMEDL3_K01] understands the need for lifelong learning and to update his/her knowledge of medical biology and related disciplines	understands the need for lifelong learning and updating knowledge in the field of medical biology and related disciplines	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work
[BIOLMEDL3_K08] is ready to consciously apply the principles of bioethics	knows and consciously applies the principles of bioethics	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work
[BIOLMEDL3_K04] is able to form opinions about individuals and social groups in a professional context	is able to formulate opinions about individual people and social groups in the context of performing the profession of a medical biologist	[SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work
[BIOLMEDL3_U07] is able to identify problems corresponding to the needs of an individual and a social group and to undertake basic diagnostic, preventive and educational activities appropriate to the profession of medical biologist	is able to identify problems corresponding to the needs of an individual and a social group - both in the developmental age and concerning caregivers - and take basic diagnostic, preventive and educational activities appropriate to the profession of a medical biologist, is able to cooperate with a medical team using specialized terminology, analyzes diagnostic possibilities in a given case	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
[BIOLMEDL3_U15] learns independently, in a focused manner	learns independently, in a directed way	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written
[BIOLMEDL3_K03] is aware of his/ her own limitations and knows when to seek expert assistance	is aware of his own limitations and knows when to turn to experts, works in a specialized medical team while being careful in expressing opinions, engages in discussions, shows responsibility for undertaken obligations, accepts the need to meet deadlines for completing tasks	[SK8] observation of student's independent or team work

Subject contents

- Stages of child development.
- Nutrition of children and adolescents.
- Child examination.
- Immunoprophylaxis - protective vaccinations.
- Genetic testing and counseling in pediatrics.
- Basics of clinical pediatric symptomatology.
- Addictions and social pathologies.
- Prevention of lifestyle diseases in developmental age.

Prerequisites and co-requisites

- Knowledge of human anatomy and physiology and propaedeutics of internal diseases
- Completed a course in Propaedeutics of internal diseases.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
written exam (test)	51.0%	100.0%

Recommended reading

Basic literature	• "Propedeutics of pediatrics", Krawczyński M., PZWL 2009 • "Pediatrics", Kawalec W., Grenda R., Ziółkowska H., PZWL 2018
Supplementary literature	• "Pediatrics", Volume 1-2, Kubicka, Kawalec PZWL 2010
eResources addresses	

Example issues/ example questions/ tasks being completed	• Definitions: pediatrics,child development • Periods of human ontogenetic • Development postantal period • Newborn reflexes • Apgar scale • Brazelton scale • Puberty child's psychomotor development • Methods of assessing physical development • Nutrition of children and adolescents • Examination of the child: subjective examinations, physical examinations, neurological examinations, additional examinations • Vaccine definition • Childhood vaccinations • Genetic diseases • Prenatal diagnosis: invasive and non-invasive methods • Genetic counseling • Childhood diseases • Disease diagnosis based on symptoms
Work placement	Not applicable

Document generated electronically. Does not require a seal or signature.