

Course description

Part 1

General information about the course		
1. Major of study: Obstetrics		2. Study level: unified MSc
		3. Form of study: intramural
4. Year: II (2022/2025)		5. Semester: IV
6. Course name: Pediatrics and pediatric nursing		
7. Course status: required		
8. Course contents and assigned learning outcomes		
C1 to provide knowledge and skills in the clinical picture of a child with respiratory, digestive, urinary, nervous, hematopoietic, circulatory diseases.		
C2 to provide knowledge and skills in the field of diagnostic tests, preparation and post-examination procedures		
C3 shaping healthy attitudes in children and their parents		
C4 providing guidelines for the nutrition of healthy and sick children		
C5 to provide knowledge and skills in the field of childcare with respiratory, digestive, urinary, nervous, hematopoietic, circulatory diseases.		
C6. Developing skills in nursing care in metabolic, allergic and infectious diseases.		
C7 preparation for applying the principles of nutrition of children and adolescents, taking into account their age and state of health.		
C8 Improving skills in the field of communication and cooperation with a sick child and his family as well as a therapeutic team		
C9 Discussion of the child's somatic and mental development.		
Learning outcomes / reference to learning outcomes indicated in the standards		
For knowledge – student knows and understands: D.W2, D.W3, D.W5, D.W8, D.W9, D.W27,D.W42., D.W43, D.W44. D.W46. D.W50		
For skills student can do: D.U36, D.U39., D.U48.		
For social competencies student is ready to: Point 1.3 of general learning outcomes, points 2) and 3)		
9. Number of hours for the course		70
10. Number of ECTS points for the course		6
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Oral and written evaluation – open/close questions	*
Skills	oral and written evaluation, practising basic skills in nursing a sick child, developing a nursing care plan	*
Competencies	oral and written evaluation, practising basic skills in nursing a sick child, developing a nursing care plan	*

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Katedra Pediatrii (Oddział Kliniczny Pediatrii, Zakład Pielęgniarstwa Pediatricznego) ul. Batorego 15, 40-902 Bytom, 32 78 61 948, pedbyt@sum.edu.pl		
13. Name of the course coordinator: Dr hab. n. med. Krystyna Stencel-Gabriel, Dr n. med. Jolanta Witanowska		
14. Prerequisites for knowledge, skills and other competencies: anatomy, physiology, pathology, pharmacology, public health, philosophy and ethics of the midwife's profession, health promotion, basic health care, dietetics, physical examinations, hospital infections		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	class topics and outlines on the bulletin board	
17. Location of classes	Oddział Kliniczny Pediatrii i Zakład Pielęgniarstwa Pediatricznego Katedry Pediatrii, Szpital Specjalistyczny Nr 2, Bytom, ul. Batorego 15	
18. Location and time for contact hours	according to the schedule on the bulletin board (3rd and 4th floor)	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
	A graduate knows and understand	
C_K01	preventive measures designed for individuals at developmental age, including newborns and infants;	D.W42.
C_K02	diagnostic and therapeutic methods of developmental age;	D.W43.
C_K03	the principles of rational children's nutrition and nutritional disorders;	D.W44.
C_K04	methods of assessment of children's physical and psychomotor development;	D.W45.
C_K05	the principles of nursing care of a child with the most common systemic, allergic, infectious and metabolic conditions and deficiencies;	D.W46.
C_K06	the rules of giving first aid in the case of burns and ways of looking after a burn wound;	D.W47.
	A graduate is able to	
C_S01	to recognise health problems of a child and to plan care in the most common systemic, allergic, infectious and metabolic	D.U39.

	conditions and deficiencies;	
P_K1	compliance with patient rights	Point 1.3 of general learning outcomes, point 2)
P_K2	independent and reliable performance of the profession in accordance with the principles of ethics, including compliance with moral values and obligations in patient care	Point 1.3 of general learning outcomes, point 3)
20. Forms and topics of classes		Number of hours
20.1. Lectures		20
Nursing a full-term and premature newborn.		2
Nurse's participation in the nutrition of healthy and sick children in particular age groups.		2
Nursing a child with cardiological diseases.		2
Nursing a child in diseases of the respiratory system.		2
Planning the nursing process of a child with kidney disease.		2
Infectious and parasitic diseases in children + vaccinations		2
Nutrition of healthy and sick children, with particular emphasis on newborns and infants. Eating disorders, deficiency states, tetany, anemia, rickets. Gastroenterology. The most common disease entities, diagnostic possibilities (general)		2
Functions of the urinary system. Urination disorders. Interpretation of laboratory test results.		2
Clinical picture of selected genetic diseases. Childhood surgery		2
Allergology. Disease entities. Diagnostic possibilities and methods of drug administration in allergology.		2
20.2 Clinical exercise		10
Pediatric assessment of the child's general condition. The specificity of nursing care for a child. The child's physical and mental development with particular emphasis on the infancy period		2
Symptoms of gastrointestinal diseases. The most common diseases of the digestive system in infants and their symptoms (on the example of patients and their medical records). Urinary system diseases in children. Symptoms of urinary tract diseases in children (on the example of patients and their medical records). Types of diagnostic tests in diseases of the gastrointestinal tract and urinary tract in children - indications and principles of their ordering.		3
Diseases of the respiratory and cardiovascular systems in children (on the example of patients and their medical records). Types of diagnostic tests in diseases of the respiratory and cardiovascular systems in children - indications and principles of their ordering.		3
The most common disorders and symptoms of the nervous system Hematological disorders in children. Types of diagnostic tests in diseases of the nervous and hematological systems in children - indications and principles of their ordering.		2
20.3. Practical		40
Organization of specialist care for a child, taking into account the specificity of the age.		5
Hospitalization as a difficult situation for a child and his family - the role of a pediatric nurse in an interdisciplinary team. Rules for communicating with a child and his parents.		5

Factors determining the proper development of a child. Developmental disorders as a symptom or consequence of the disease.	5
Nursing care for children with digestive system diseases.	5
Planning of nursing care in the course of hematopoietic system diseases.	5
Nursing procedure in children with allergic diseases.	5
Planning of nursing care in the course of respiratory system diseases.	5
Planning the nursing process in kidney diseases.	5
20.4. Self-study	20
20.5. Professional practice	40
21. Readings	
<p>Basic</p> <p>Lissauer T., Carroll W.: <i>Pediatrics</i>, wyd. 5 polskie, Milanowski A. (red.). Elsevier Urban&Partner, Wrocław 2015.</p> <p>Obuchowicz A. (red.): <i>Podstawowe zagadnienia opieki pediatrycznej w lecznictwie otwartym</i>. Śląska Akademia Medyczna, Katowice 2003.</p> <p>Obuchowicz A. (red.): <i>Badanie podmiotowe i przedmiotowe w pediatrii</i>. PZWL Warszawa 2016. (rozdział pt. Wywiad. Badanie podmiotowe).</p> <p>Pawlaczyk B. (red.): <i>Pielęgniarstwo pediatryczne</i>. Wydawnictwo Lekarskie PZWL Warszawa 2007</p> <p>Muscari M.: <i>Pediatric nursing</i>. Wydawnictwo Czelej, Lublin 2005</p> <p>Luxner K. L., red. wyd. pol. Drózdż-Gessner Z.: <i>Pielęgniarstwo pediatryczne</i>. Urban & Partner, Wrocław 2006, wyd. 1.</p> <p>Drózdż-Gessner Z.: <i>Zarys pielęgniarstwa pediatrycznego</i>. AM Poznań, Poznań 2006, wyd. 1</p> <p>Pawlaczyk B.: <i>Zarys pediatrii</i>. Podręcznik dla studiów medycznych. Wydawnictwo Lekarskie PZWL, Warszawa 2006, wyd. 1.</p> <p>Barczykowska E., R. Ślusarz R., Szewczyk M. T.: <i>Pielęgniarstwo w pediatrii</i>. Borgis 2006</p> <p>Barczykowska E.; Faleńczyk K. (red.). <i>Metoda studium przypadku w pielęgniarstwie pediatrycznym: wybrane zagadnienia z opieki na dzieckiem w podstawowej opiece zdrowotnej</i>, Continuo, Wrocław 2014</p> <p>Maciarz A.: <i>Dziecko przewlekle chore opieka i wsparcie</i>. Wydawnictwo Akademickie Żak 2006 r.</p> <p>Borkowski W.: <i>Opieka pielęgniarstwa nad noworodkiem</i>. Medycyna Praktyczna, Kraków 2007, wyd. 2.</p> <p>Radzikowski A.: <i>Pediatric nursing</i>. Podręcznik dla studentów pielęgniarstwa. Medipage, Warszawa 2008, wyd. 1.</p> <p>Lesińska-Sawicka M.: <i>Metoda case study w pielęgniarstwie</i>. Borgis, Warszawa 2009.3.</p> <p>Cepuch G., Perek M.: <i>Modele opieki pielęgniarstwa nad dzieckiem z chorobą ostrą i zagrażającą życiu</i>. Wydawnictwo Lekarskie PZWL, 2012.</p> <p>Cepuch G., Krzeczowska B., Perek M., Twarduś K.: <i>Modele pielęgnowania dziecka przewlekle chorego</i>. Wydawnictwo Lekarskie PZWL, 2011.</p> <p>Further</p> <p>Czupryna A., Wilczek-Różycka. <i>Wybrane zagadnienia pielęgniarstwa specjalistycznego</i>. Wolters Kluwer Polska, Warszawa 2010, wyd.1.</p> <p>Kózka M., Płaszewska-Żywko L. (red.), <i>Diagnozy i interwencje pielęgniarstwa</i>. Podręcznik dla studiów medycznych, Warszawa 2008.</p> <p>Górnicki B., <i>Pediatric T. 1 i 2</i>., PZWL, Warszawa 2002</p> <p>Illing S., Spranger S.: <i>Pediatric</i>. Urban & Partner, Wrocław 2001.</p> <p>Kawalec W., Kubicka K., <i>Repetitorium z pediatrii</i>, PZWL, Warszawa 2004, wyd 1.</p> <p>Gadzinowski J., Szymankiewicz M. (red.): <i>Podstawy neonatologii</i>. Akademia Medyczna, Poznań 2002.</p> <p>Grenda R., Kawalec W i wsp: <i>Pediatric tom 1 i 2</i>, PZWL Warszawa 2013.</p> <p>Zarzycka D., Emeryk A.: <i>Pediatric nursing</i>. PZWL Warszawa 2020.</p> <p>Kaczmarek M., Piskorz-Ogórek K: <i>Pediatric nursing</i>. Wybrane zagadnienia. Help-Med. s.c. Kraków 2014. wyd. I.</p>	
22. Detail evaluation criteria	
<p>In accordance with the recommendations of the inspection bodies</p> <p>Completion of the course – student has achieved the assumed learning outcomes</p> <p>Detail criteria for completion and evaluation of the course are specified in the course regulations</p>	